



## **The Aspire Hub – Curriculum 2017**

## Curriculum Overview

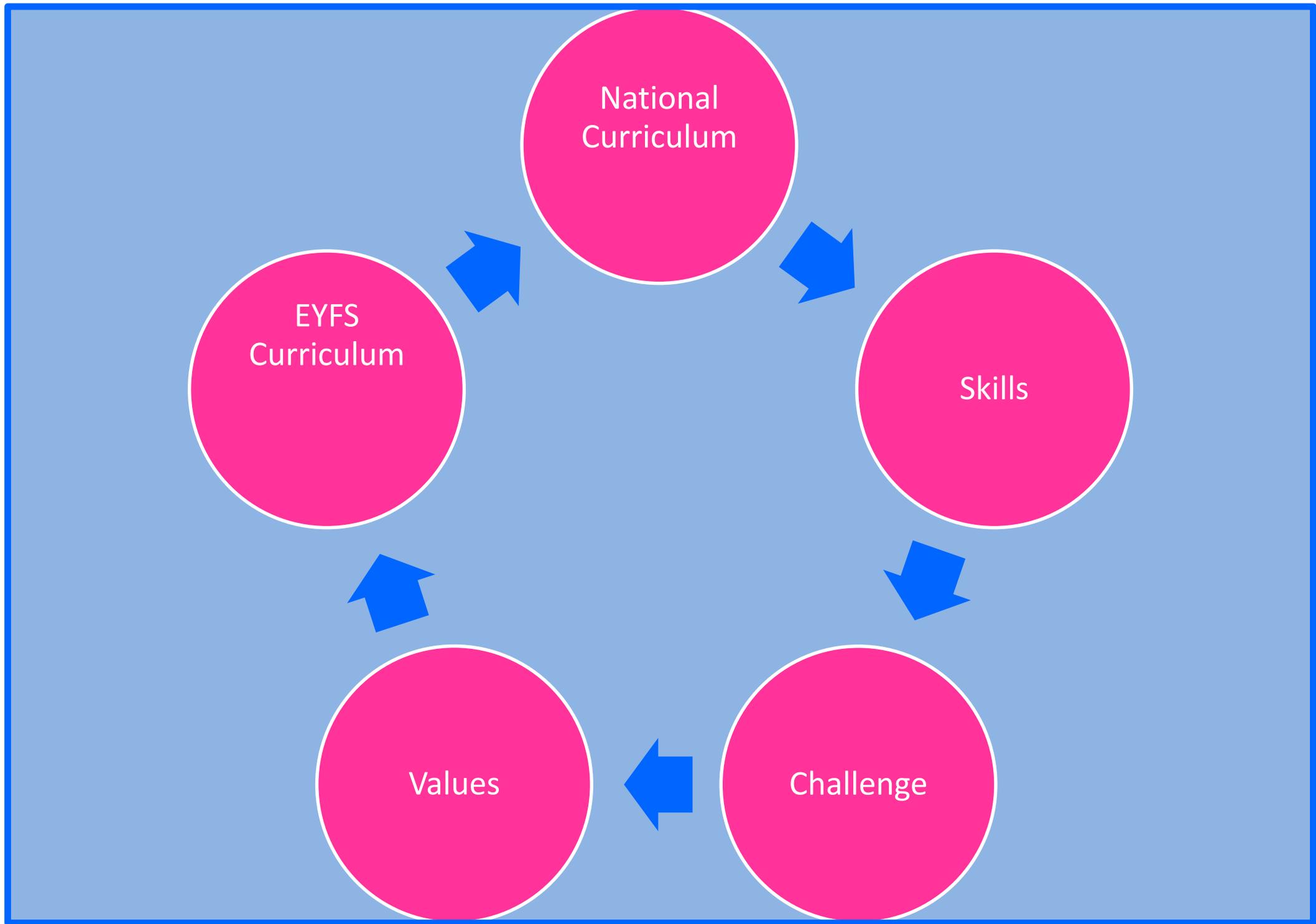
The Aspire Hub Curriculum is bespoke to every child. It is based on sound educational research and on the understanding that children develop at their own rates, and in their own ways. Whilst we believe there is a typical range of development we believe this needs to be personalised for every child. The child is at the heart of our curriculum. Nurture principles provide a foundation for everything we do. This enables us to provide a curriculum appropriate to every child's intellectual level and developmental stage.

“Social and emotional learning interventions (Nurture) have an identifiable and significant impact on attitudes to learning, social relationships in school, and attainment itself (on average around three to four months additional progress). Improvements seem more likely when approaches are embedded into routine educational practices, and supported by professional development and training for staff.” *Education Endowment Foundation Toolkit*

Our philosophy is simple. We get to know our children quickly by effective transition arrangements with their mainstream school and parents. If we know what interests and enthuses our children, and we know where they are within their learning and what skills they have grasped, and the things they find challenging then we know what their next steps are. Lessons are planned around these next steps, and we differentiate learning to match the needs of the children within our classes. We design our learning experiences around the interests of our children based on their prior knowledge. Our topics develop children's skills and love of learning by making links between the individual subjects and enabling them to apply skills and knowledge in a wide range of contexts relevant to them. Teachers use our curriculum map to develop schemes of work and plan learning opportunities, skilfully adapting it for individual learners. Each topic is driven by the children's interests, has embedded elements of English and mathematics and is designed to provide challenging learning with strong links made to additional subjects all underpinned by the Nurture Principles.

### The Six Nurture Principles

1. Children's learning is understood developmentally
2. The classroom offers a safe base
3. The importance of nurture for the development of wellbeing
4. Language is a vital means of communication
5. All behaviour is communication
6. The importance of transition in children's lives

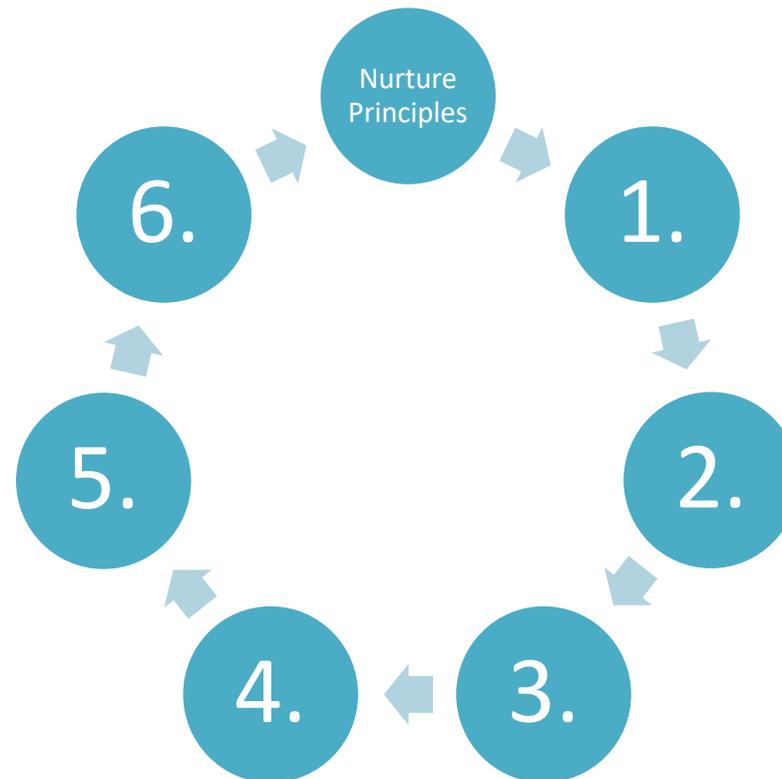




The model demonstrates our holistic curriculum. The child being central, the Nurture principles forming the foundation with the content of the Early Years Foundation Stage Curriculum and National Curriculum providing the coverage with a focus on skills in a highly challenging learning environment; intellectually, socially and developmentally.

## Nurture Principles

1. Children's learning is understood developmentally
2. The classroom offers a safe base



3. The importance of nurture for the development of wellbeing
4. Language is a vital means of communication
5. All behaviour is communication
6. The importance of transition in children's lives

## Boxall Assessment

Developmental		Diagnostic	
Organisation of experiences		Self-limiting Features	
<b>A</b>	<p><b>Gives purposeful attention:</b></p> <p>1. Listens with interest when an adult explains something to the group.</p> <p>6. Makes appropriate and purposeful use of the materials/equipment provided by the adult without the need for continuing direct support</p> <p>12. Listens, attends and does what is required when the adult addresses a simple positive request specifically to him/her.</p> <p>16. Is adequately competent and self-reliant in managing basic personal needs.</p> <p>20. Participates in adult led group activities</p>	<b>Q</b>	<p><b>Disengaged:</b></p> <p>4. Oblivious of people and events; doesn't relate; is 'out of contact and can't be reached'</p> <p>14. Repetitively pursues a limited task which does not progress.</p> <p>25. Listless and aimless; lacks motivation and functions only with direct and continuing support or pressure.</p>
<b>B</b>	<p><b>Participates constructively:</b></p> <p>14. Shows awareness of happenings in the natural world, is interested, curious, and genuinely seeks explanations</p> <p>21. Shows genuine interest when another young person relays a personal experience; pays attention and gains from experience.</p> <p>26. Is reasonably able to prepare for planned tasks, organise required equipment and clear away.</p>	<b>R</b>	<p><b>Self-negating:</b></p> <p>2. Avoids, rejects or becomes upset when faced with a new and unfamiliar task, or a difficult or competitive situation.</p> <p>12. Self-conscious and easily rebuffed. Hypersensitive to disapproval or the regard in which s/he is held by others.</p> <p>22. Self-disparaging and self-demanding.</p>
		<b>Undeveloped Behaviour</b>	
		<b>C</b>	<p><b>Connects up experiences:</b></p> <p>15. of his/her own accord, returns to and completes a satisfying activity that has been interrupted.</p> <p>23. Recalls information of relevance to something s/he reads or hears about and makes a constructive links</p> <p>27. Communicates a simple train of thought with coherence.</p>
<b>D</b>	<p><b>Shows insightful involvement:</b></p> <p>3. Appreciates a joke or is amused by an incongruous statement or situation</p> <p>24. Makes constructive and reciprocal friendships which provide companionship</p> <p>28. Responds to narrative stories with appropriate feeling; Is able to identify characteristics in fictional texts.</p> <p>29. Makes pertinent observations about the relationships between two other people and appropriately attributes attitudes and motives to them</p> <p>34. Shows curiosity and constructive interest when something out of the ordinary happens.</p>	<b>S</b>	<p><b>Undifferentiated attachments:</b></p> <p>8. Relates and responds to adults in an immature way</p> <p>18. Overreacts to warmth, attention or praise and responds inappropriately.</p> <p>29. Possessive of personal objects and resists having them taken away.</p>
		<b>T</b>	<p><b>Inconsequential behaviour:</b></p> <p>6. Inappropriate noises, remarks or behaviours that appear unrelated to the current situation.</p> <p>16. Gives uninhibited expression to boisterous and noisy behaviour; is not influenced by normal social constraints and expectations</p> <p>27. Shows fleeting interest and has limited concentration.</p> <p>33. Restless and erratic behaviour that lacks direction</p>

<b>E</b>	<p><b>Engages cognitively with peers:</b>  25. Contributes to the course of a co-operative and developing activity with two or more young people and shows some variation in the roles s/he takes  30. Engages in conversation with another young person</p>	<b>U</b>	<p><b>Craves attachment reassurance:</b>  10. Adopts stratagems to gain and maintain close physical contact with the adult.  19. desperately craves affection, approval and reassurance but questions the sincerity of the regard shown; seeks it repeatedly but remains insecure.</p>
<b>Internalisation of Controls</b>		<b>Unsupported Development</b>	
<b>F</b>	<p><b>Is emotionally secure:</b>  2. Takes appropriate care of something s/he has made or work s/he has done  18. Turns to an adult for help, reassurance or acknowledgement, in the expectation that support will be forthcoming.  31. Looks up and makes eye contact when an adult is nearby and addresses him/her by name.</p>	<b>V</b>	<p><b>Avoids/ rejects attachment:</b>  1. Abnormal eye contact and gaze.  11. Lacks trust in adults' intentions and is wary of what they might do; avoids contact, and readily shows fear.  21. Functions and relates to others minimally, and resists or erupts when attempts are made to engage him/her further.  30. Sullen, resentful, and negative in general attitude and mood.</p>
<b>G</b>	<p><b>Is biddable, accepts constraints:</b>  4. Is able to bring to a close an enjoyable activity when the adult, with adequate warning makes a general request to the group.  9. Complies with specific verbal prohibitions on his/her personal use of equipment.  13. Works alongside another young person who is independently occupied, without interfering or causing disturbance.  32. Sits reasonably still without talking or causing disturbance when an adult makes a general request to a group of young people for their attention.</p>	<b>W</b>	<p><b>Insecure sense of self:</b>  3. Variable in mood; sometimes seeks and responds to positive interactions with an adult, at other times rejects or avoids.  13. Contrary in behaviour; sometimes helpful, cooperative and compliant yet at other times stubborn, obstinate and resistive  23. Attention seeking in a bid for recognition or admiration  31. Can't tolerate even a slight imperfection in his/her work and is upset or angry of s/he can't put it right</p>
<b>H</b>	<p><b>Accommodates to others:</b>  5. Makes and accepts normal physical contact with others.  7. Maintains acceptable behaviour and functions adequately when the routine of the day is disturbed.  8. Makes an appropriate verbal request to another young person who is in her/his way or has something s/he needs.  11. Accommodating to other young people when they show friendly and constructive interest in joining his/her activity of group.  33. Gives way to another young person's legitimate need for equipment s/he is using by sharing it with him/her.</p>	<b>X</b>	<p><b>Negativism towards self:</b>  5. Uncontrolled and unpredictable emotional outburst or eruptions that release and relieve pent up and endured anger or distress  15. Spoils, destroys, or otherwise negates the achievement or success s/he has worked for and values  26. Sulks when disapproval is shown, when attention is withdrawn or when thwarted.  32. Feels persecuted; believes that others are against him/her, and complains of being 'got at' and left out.</p>

I	<p><b>Responds constructively to others:</b>  17. In freely developing activities involving other young people s/he constructively adapts to their ideas and suggestions.</p>	Y	<p><b>Negativism towards others:</b>  7. Erupts into temper, rage or violence when thwarted, frustrated, criticised or touched; the 'trigger' is immediate and specific.  17. Reacts defensively even where there is no real threat; is evasive, blames others, finds excuses or denies.  24. Disparaging attitude towards other young people; is critical and contemptuous.  28. Remembers a real or imagined offence, bears a grudge and determinedly takes his/her revenge.  34. Determinedly dominates or persecutes by bullying, intimidation and the use of force.</p>
J	<p><b>Maintains internalised standards:</b>  10. Abides by the rules of an organised group activity. Interacts, co-operates and continues to take part for the full duration of the activity.  19. Accepts disappointments  22. Shows genuine concern and thoughtfulness for other people; is sympathetic and offers helps.</p>	Z	<p><b>Wants grabs disregarding others:</b>  9. Always has to be first, must be the best. Demands the most attention or immediate attention.  20. Has difficulty waiting; will push in, grab or take without consent.</p>

# Early Years Foundation Stage Curriculum

## Prime Areas

Personal, Social and Emotional Development	Physical Development	Communication and Language
Aspects: <ul style="list-style-type: none"> <li>Making relationships</li> <li>Self-confidence and self-awareness</li> <li>Managing feelings and behaviour</li> </ul>	Aspects: <ul style="list-style-type: none"> <li>Moving and handling</li> <li>Health and self-care</li> </ul>	Aspects: <ul style="list-style-type: none"> <li>Listening and attention</li> <li>Understanding</li> <li>Speaking</li> </ul>

## Specific Areas

Literacy	Mathematics	Understanding the World	Expressive Arts and Design
Aspects: <ul style="list-style-type: none"> <li>Reading</li> <li>Writing</li> </ul>	Aspects: <ul style="list-style-type: none"> <li>Numbers</li> <li>Shape, space and measure</li> </ul>	Aspects: <ul style="list-style-type: none"> <li>People and communities</li> <li>The world</li> <li>Technology</li> </ul>	Aspects: <ul style="list-style-type: none"> <li>Exploring and using media and materials</li> <li>Being imaginative</li> </ul>

## Characteristics of Effective Learning

Playing and exploring – engagement	Active learning – motivation	Creating and thinking critically – thinking
Finding out and exploring <ul style="list-style-type: none"> <li>Showing curiosity about objects, events and people</li> <li>Using senses to explore the world around them</li> <li>Engaging in open ended activity</li> </ul>	Being involved and concentrating <ul style="list-style-type: none"> <li>Maintaining focus on their activity for a period of time</li> <li>Showing high levels of energy and fascination</li> <li>Not easily distracted</li> <li>Paying attention to details</li> </ul>	Having their own ideas <ul style="list-style-type: none"> <li>Thinking of ideas</li> <li>Finding ways to solve problems</li> <li>Finding new ways to do things</li> </ul>
Playing with what they know <ul style="list-style-type: none"> <li>Pretending objects are things from their experience</li> <li>Representing their experiences in play</li> <li>Taking a role in their play</li> <li>Acting out experiences with other people</li> </ul>	Keeping trying <ul style="list-style-type: none"> <li>Persisting with activity when challenges occur</li> <li>Showing a belief that more effort or a different approach will pay off</li> <li>Bouncing back after difficulties</li> </ul>	Making links <ul style="list-style-type: none"> <li>Making links and noticing patterns in their experience</li> <li>Making predictions</li> <li>Testing their ideas</li> <li>Developing ideas of grouping, sequences, cause and effect</li> </ul>
Being willing to ‘have a go’ <ul style="list-style-type: none"> <li>Initiating activities</li> <li>Seeking challenge</li> <li>Showing a ‘can do’ attitude</li> <li>Taking a risk, engaging in new experiences, and learning by trial and error</li> </ul>	Enjoying achieving what they set out to do <ul style="list-style-type: none"> <li>Showing satisfaction in meeting their own goals</li> <li>Being proud of how they accomplished something – not just the end result</li> <li>Enjoying meeting challenges for their own sake rather than external rewards or praise</li> </ul>	Choosing ways to do things <ul style="list-style-type: none"> <li>Planning, making decisions about how to approach a task, solve a problem and reach a goal</li> <li>Checking how well their activities are going</li> <li>Changing strategy as needed</li> <li>Reviewing how well the approach worked</li> </ul>

**PRIME AREA OF LEARNING AND DEVELOPMENT – Personal, Social and Emotional Development**

	<b>Making relationships</b>	<b>Self-confidence and self-awareness</b>	<b>Managing feelings and behaviour</b>
 birth – 11 months	<ul style="list-style-type: none"> <li>•Enjoys the company of others and seeks contact with others from birth.</li> <li>•Gazes at faces and copies facial movements. e.g. sticking out tongue, opening mouth and widening eyes.</li> <li>•Responds when talked to, for example, moves arms and legs, changes facial expression, moves body and makes mouth movements.</li> <li>•Recognises and is most responsive to main carer's voice: face brightens, activity increases when familiar carer appears.</li> <li>•Responds to what carer is paying attention to, e.g. following their gaze.</li> <li>•Likes cuddles and being held: calms, snuggles in, smiles, gazes at carer's face or strokes carer's skin.</li> </ul>	<ul style="list-style-type: none"> <li>•Laughs and gurgles, e.g. shows pleasure at being tickled and other physical interactions.</li> <li>•Uses voice, gesture, eye contact and facial expression to make contact with people and keep their attention.</li> </ul>	<ul style="list-style-type: none"> <li>• Is comforted by touch and people's faces and voices.</li> <li>•Seeks physical and emotional comfort by snuggling in to trusted adults.</li> <li>•Calms from being upset when held, rocked, spoken or sung to with soothing voice.</li> <li>•Shows a range of emotions such as pleasure, fear and excitement.</li> <li>•Reacts emotionally to other people's emotions, e.g. smiles when smiled at and becomes distressed if hears another child crying.</li> </ul>
 8-20 months	<ul style="list-style-type: none"> <li>• Seeks to gain attention in a variety of ways, drawing others into social interaction.</li> <li>•Builds relationships with special people.</li> <li>• Is wary of unfamiliar people.</li> <li>• Interacts with others and explores new situations when supported by familiar person.</li> <li>•Shows interest in the activities of others and responds differently to children and adults, e.g. may be more interested in watching children than adults or may pay more attention when children talk to them.</li> </ul>	<ul style="list-style-type: none"> <li>• Enjoys finding own nose, eyes or tummy as part of naming games.</li> <li>•Learns that own voice and actions have effects on others.</li> <li>•Uses pointing with eye gaze to make requests, and to share an interest.</li> <li>•Engages other person to help achieve a goal, e.g. to get an object out of reach.</li> </ul>	<ul style="list-style-type: none"> <li>•Uses familiar adult to share feelings such as excitement or pleasure, and for emotional 'refuelling' when feeling tired, stressed or frustrated.</li> <li>•Growing ability to soothe themselves, and may like to use a comfort object.</li> <li>•Cooperates with caregiving experiences, e.g. dressing.</li> <li>•Beginning to understand 'yes', 'no' and some boundaries.</li> </ul>
 16-26 months	<ul style="list-style-type: none"> <li>•Plays alongside others.</li> <li>•Uses a familiar adult as a secure base from which to explore independently in new environments, e.g. ventures away to play and interact with others, but returns for a cuddle or reassurance if becomes anxious.</li> <li>•Plays cooperatively with a familiar adult, e.g. rolling a ball back and forth.</li> </ul>	<ul style="list-style-type: none"> <li>• Explores new toys and environments, but 'checks in' regularly with familiar adult as and when needed.</li> <li>• Gradually able to engage in pretend play with toys (supports child to understand their own thinking may be different from others).</li> <li>• Demonstrates sense of self as an individual, e.g. wants to do things independently, says "No" to adult.</li> </ul>	<ul style="list-style-type: none"> <li>• Is aware of others' feelings, for example, looks concerned if hears crying or looks excited if hears a familiar happy voice.</li> <li>• Growing sense of will and determination may result in feelings of anger and frustration which are difficult to handle, e.g. may have tantrums.</li> <li>• Responds to a few appropriate boundaries, with encouragement and support.</li> <li>• Begins to learn that some things are theirs, some things are shared, and some things belong to other people.</li> </ul>
 22-36 months	<ul style="list-style-type: none"> <li>• Interested in others' play and starting to join in.</li> <li>•Seeks out others to share experiences.</li> <li>•Shows affection and concern for people who are special to them.</li> <li>•May form a special friendship with another child.</li> </ul>	<ul style="list-style-type: none"> <li>•Separates from main carer with support and encouragement from a familiar adult.</li> <li>•Expresses own preferences and interests.</li> </ul>	<ul style="list-style-type: none"> <li>•Seeks comfort from familiar adults when needed.</li> <li>•Can express their own feelings such as sad, happy, cross, scared, worried.</li> <li>•Responds to the feelings and wishes of others.</li> <li>•Aware that some actions can hurt or harm others.</li> <li>•Tries to help or give comfort when others are distressed.</li> <li>•Shows understanding and cooperates with some boundaries and routines.</li> <li>•Can inhibit own actions/behaviours, e.g. stop themselves from doing something they shouldn't do.</li> <li>•Growing ability to distract self when upset, e.g. by engaging in a new play activity</li> </ul>
 30-50 months	<ul style="list-style-type: none"> <li>•Can play in a group, extending and elaborating play ideas, e.g. building up a role-play activity with other children.</li> <li>• Initiates play, offering cues to peers to join them.</li> <li>•Keeps play going by responding to what others are saying or doing.</li> <li>•Demonstrates friendly behaviour, initiating conversations and forming good relationships with peers and familiar adults.</li> </ul>	<ul style="list-style-type: none"> <li>•Can select and use activities and resources with help.</li> <li>•Welcomes and values praise for what they have done.</li> <li>•Enjoys responsibility of carrying out small tasks.</li> <li>• Is more outgoing towards unfamiliar people and more confident in new social situations.</li> <li>•Confident to talk to other children when playing, and will communicate freely about own home and community.</li> <li>•Shows confidence in asking adults for help.</li> </ul>	<ul style="list-style-type: none"> <li>•Aware of own feelings, and knows that some actions and words can hurt others' feelings.</li> <li>•Begins to accept the needs of others and can take turns and share resources, sometimes with support from others.</li> <li>•Can usually tolerate delay when needs are not immediately met, and understands wishes may not always be met.</li> <li>•Can usually adapt behaviour to different events, social situations and changes in routine.</li> </ul>
 40-60 months	<ul style="list-style-type: none"> <li>• Initiates conversations, attends to and takes account of what others say.</li> <li>•Explains own knowledge and understanding, and asks appropriate questions of others.</li> <li>•Takes steps to resolve conflicts with other children, e.g. finding a compromise.</li> </ul> <p><b>Early Learning Goal</b>                      Children play co-operatively, taking turns with others. They take account of one another's ideas about how to organise their activity. They show sensitivity to others' needs and feelings, and form positive relationships with adults and other children.</p>	<ul style="list-style-type: none"> <li>• Confident to speak to others about own needs, wants, interests and opinions.</li> <li>• Can describe self in positive terms and talk about abilities.</li> </ul> <p><b>Early Learning Goal</b>                      Children are confident to try new activities, and say why they like some activities more than others. They are confident to speak in a familiar group, will talk about their ideas, and will choose the resources they need for their chosen activities. They say when they do or don't need help.</p>	<ul style="list-style-type: none"> <li>•Understands that own actions affect other people, for example, becomes upset or tries to comfort another child when they realise they have upset them.</li> <li>•Aware of the boundaries set, and of behavioural expectations in the setting.</li> <li>•Beginning to be able to negotiate and solve problems without aggression, e.g. when someone has taken their toy.</li> </ul> <p><b>Early Learning Goal</b>                      Children talk about how they and others show feelings, talk about their own and others' behaviour, and its consequences, and know that some behaviour is unacceptable. They work as part of a group or class, and understand and follow the rules. They adjust their behaviour to different situations, and take changes of routine in their stride.</p>

## PRIME AREA OF LEARNING AND DEVELOPMENT – Communication and Language

	<b>Listening and attention</b>	<b>Understanding</b>	<b>Speaking</b>
 birth – 11 months	<ul style="list-style-type: none"> <li>•Turns toward a familiar sound then locates range of sounds with accuracy.</li> <li>•Listens to, distinguishes and responds to intonations and sounds of voices.</li> <li>•Reacts in interaction with others by smiling, looking and moving.</li> <li>•Quietens or alerts to the sound of speech.</li> <li>•Looks intently at a person talking, but stops responding if speaker turns away.</li> <li>•Listens to familiar sounds, words, or finger plays.</li> <li>•Fleeting Attention – not under child's control, new stimuli takes whole attention.</li> </ul>	<ul style="list-style-type: none"> <li>•Stops and looks when hears own name.</li> <li>•Starts to understand contextual clues, e.g. familiar gestures, words and sounds.</li> </ul>	<ul style="list-style-type: none"> <li>•Communicates needs and feelings in a variety of ways including crying, gurgling, babbling and squealing.</li> <li>•Makes own sounds in response when talked to by familiar adults.</li> <li>•Lifts arms in anticipation of being picked up.</li> <li>•Practises and gradually develops speech sounds (babbling) to communicate with adults; says sounds like 'baba, nono, gogo'.</li> </ul>
 8-20 months	<ul style="list-style-type: none"> <li>•Moves whole bodies to sounds they enjoy, such as music or a regular beat.</li> <li>•Has a strong exploratory impulse.</li> <li>•Concentrates intently on an object or activity of own choosing for short periods.</li> <li>•Pays attention to dominant stimulus – easily distracted by noises or other people talking.</li> </ul>	<ul style="list-style-type: none"> <li>•Developing the ability to follow others' body language, including pointing and gesture.</li> <li>•Responds to the different things said when in a familiar context with a special person (e.g. 'Where's Mummy?', 'Where's your nose?').</li> <li>•Understanding of single words in context is developing, e.g. 'cup', 'milk', 'daddy'.</li> </ul>	<ul style="list-style-type: none"> <li>•Uses sounds in play, e.g. 'brrrm' for toy car.</li> <li>•Uses single words.</li> <li>•Frequently imitates words and sounds.</li> <li>•Enjoys babbling and increasingly experiments with using sounds and words to communicate for a range of purposes (e.g. teddy, more, no, bye-bye.)</li> <li>•Uses pointing with eye gaze to make requests, and to share an interest.</li> <li>•Creates personal words as they begin to develop language.</li> </ul>
 16-26 months	<ul style="list-style-type: none"> <li>•Listens to and enjoys rhythmic patterns in rhymes and stories.</li> <li>•Enjoys rhymes and demonstrates listening by trying to join in with actions or vocalisations.</li> <li>•Rigid attention – may appear not to hear.</li> </ul>	<ul style="list-style-type: none"> <li>•Selects familiar objects by name and will go and find objects when asked, or identify objects from a group.</li> <li>•Understands simple sentences (e.g. 'Throw the ball'.)</li> </ul>	<ul style="list-style-type: none"> <li>•Copies familiar expressions, e.g. 'Oh dear', 'All gone'.</li> <li>•Beginning to put two words together (e.g. 'want ball', 'more juice').</li> <li>•Uses different types of everyday words (nouns, verbs and adjectives, e.g. banana, go, sleep, hot).</li> <li>•Beginning to ask simple questions.</li> <li>•Beginning to talk about people and things that are not present.</li> </ul>
 22-36 months	<ul style="list-style-type: none"> <li>• Listens with interest to the noises adults make when they read stories.</li> <li>• Recognises and responds to many familiar sounds, e.g. turning to a knock on the door, looking at or going to the door.</li> <li>• Shows interest in play with sounds, songs and rhymes.</li> <li>• Single channelled attention. Can shift to a different task if attention fully obtained – using child's name helps focus.</li> </ul>	<ul style="list-style-type: none"> <li>• Identifies action words by pointing to the right picture, e.g., "Who's jumping?"</li> <li>•Understands more complex sentences, e.g. 'Put your toys away and then we'll read a book.'</li> <li>•Understands 'who', 'what', 'where' in simple questions (e.g. Who's that/can? What's that? Where is.?).</li> <li>•Developing understanding of simple concepts (e.g. big/little).</li> </ul>	<ul style="list-style-type: none"> <li>•Uses language as a powerful means of widening contacts, sharing feelings, experiences and thoughts.</li> <li>•Holds a conversation, jumping from topic to topic.</li> <li>•Learns new words very rapidly and is able to use them in communicating.</li> <li>•Uses gestures, sometimes with limited talk, e.g. reaches toward toy, saying 'I have it'.</li> <li>•Uses a variety of questions (e.g. what, where, who).</li> <li>•Uses simple sentences (e.g. 'Mummy gonna work'.)</li> <li>•Beginning to use word endings (e.g. going, cats).</li> </ul>
 30-50 months	<ul style="list-style-type: none"> <li>•Listens to others one to one or in small groups, when conversation interests them.</li> <li>•Listens to stories with increasing attention and recall.</li> <li>• Joins in with repeated refrains and anticipates key events and phrases in rhymes and stories.</li> <li>•Focusing attention – still listen or do, but can shift own attention.</li> <li>• Is able to follow directions (if not intently focused on own choice of activity).</li> </ul>	<ul style="list-style-type: none"> <li>•Understands use of objects (e.g. "What do we use to cut things?")</li> <li>•Shows understanding of prepositions such as 'under', 'on top', 'behind' by carrying out an action or selecting correct picture.</li> <li>•Responds to simple instructions, e.g. to get or put away an object.</li> <li>•Beginning to understand 'why' and 'how' questions.</li> </ul>	<ul style="list-style-type: none"> <li>•Beginning to use more complex sentences to link thoughts (e.g. using and, because).</li> <li>•Can retell a simple past event in correct order (e.g. went down slide, hurt finger).</li> <li>•Uses talk to connect ideas, explain what is happening and anticipate what might happen next, recall and relive past experiences.</li> <li>•Questions why things happen and gives explanations. Asks e.g. who, what, when, how.</li> <li>•Uses a range of tenses (e.g. play, playing, will play, played).</li> <li>•Uses intonation, rhythm and phrasing to make the meaning clear to others.</li> <li>•Uses vocabulary focused on objects and people that are of particular importance to them.</li> <li>•Builds up vocabulary that reflects the breadth of their experiences.</li> <li>•Uses talk in pretending that objects stand for something else in play, e.g. 'This box is my castle.</li> </ul>
 40-60 months	<ul style="list-style-type: none"> <li>•Maintains attention, concentrates and sits quietly during appropriate activity.</li> <li>•Two-channelled attention – can listen and do for short span.</li> </ul> <p><b>Early Learning Goal</b>                      Children listen attentively in a range of situations. They listen to stories, accurately anticipating key events and respond to what they hear with relevant comments, questions or actions. They give their attention to what others say and respond appropriately, while engaged in another activity.</p>	<ul style="list-style-type: none"> <li>•Responds to instructions involving a two-part sequence. Understands humour, e.g. nonsense rhymes, jokes.</li> <li>•Able to follow a story without pictures or props.</li> <li>•Listens and responds to ideas expressed by others in conversation or discussion.</li> </ul> <p><b>Early Learning Goal</b>                      Children follow instructions involving several ideas or actions. They answer 'how' and 'why' questions about their experiences and in response to stories or events.</p>	<ul style="list-style-type: none"> <li>•Extends vocabulary, especially by grouping and naming, exploring the meaning and sounds of new words.</li> <li>•Uses language to imagine and recreate roles and experiences in play situations.</li> <li>•Links statements and sticks to a main theme or intention.</li> <li>•Uses talk to organise, sequence and clarify thinking, ideas, feelings and events.</li> <li>• Introduces a storyline or narrative into their play.</li> </ul> <p><b>Early Learning Goal</b>                      Children express themselves effectively, showing awareness of listeners' needs. They use past, present and future forms accurately when talking about events that have happened or are to happen in the future. They develop their own narratives and explanations by connecting ideas or events.</p>

PRIME AREA OF LEARNING AND DEVELOPMENT – Physical Development		
	Moving and Handling	Health and self-care
 <p>birth – 11 months</p>	<ul style="list-style-type: none"> <li>•Turns head in response to sounds and sights.</li> <li>•Gradually develops ability to hold up own head.</li> <li>•Makes movements with arms and legs which gradually become more controlled.</li> <li>•Rolls over from front to back, from back to front.</li> <li>•When lying on tummy becomes able to lift first head and then chest, supporting self with forearms and then straight arms.</li> <li>•Watches and explores hands and feet, e.g. when lying on back lifts legs into vertical position and grasps feet.</li> <li>•Reaches out for, touches and begins to hold objects.</li> <li>•Explores objects with mouth, often picking up an object and holding it to the mouth.</li> </ul>	<ul style="list-style-type: none"> <li>•Responds to and thrives on warm, sensitive physical contact and care.</li> <li>•Expresses discomfort, hunger or thirst.</li> <li>•Anticipates food routines with interest.</li> </ul>
 <p>8-20 months</p>	<ul style="list-style-type: none"> <li>•Sits unsupported on the floor.</li> <li>•When sitting, can lean forward to pick up small toys.</li> <li>•Pulls to standing, holding on to furniture or person for support.</li> <li>•Crawls, bottom shuffles or rolls continuously to move around.</li> <li>•Walks around furniture lifting one foot and stepping sideways (cruising), and walks with one or both hands held by adult.</li> <li>•Takes first few steps independently.</li> <li>•Passes toys from one hand to the other.</li> <li>•Holds an object in each hand and brings them together in the middle, e.g. holds two blocks and bangs them together.</li> <li>•Picks up small objects between thumb and fingers.</li> <li>•Enjoys the sensory experience of making marks in damp sand, paste or paint.</li> <li>•Holds pen or crayon using a whole hand (palmar) grasp and makes random marks with different strokes.</li> </ul>	<ul style="list-style-type: none"> <li>•Opens mouth for spoon.</li> <li>•Holds own bottle or cup.</li> <li>•Grasps finger foods and brings them to mouth.</li> <li>•Attempts to use spoon: can guide towards mouth but food often falls off.</li> <li>•Can actively cooperate with nappy changing (lies still, helps hold legs up).</li> <li>•Starts to communicate urination, bowel movement.</li> </ul>
 <p>16-26 months</p>	<ul style="list-style-type: none"> <li>•Walks upstairs holding hand of adult.</li> <li>•Comes downstairs backwards on knees (crawling).</li> <li>•Beginning to balance blocks to build a small tower.</li> <li>•Makes connections between their movement and the marks they make.</li> </ul>	<ul style="list-style-type: none"> <li>•Develops own likes and dislikes in food and drink.</li> <li>•Willing to try new food textures and tastes.</li> <li>•Holds cup with both hands and drinks without much spilling.</li> <li>•Clearly communicates wet or soiled nappy or pants.</li> <li>•Shows some awareness of bladder and bowel urges.</li> <li>•Shows awareness of what a potty or toilet is used for.</li> <li>•Shows a desire to help with dressing/undressing and hygiene routines.</li> </ul>
 <p>22-36 months</p>	<ul style="list-style-type: none"> <li>•Runs safely on whole foot.</li> <li>•Squats with steadiness to rest or play with object on the ground, and rises to feet without using hands.</li> <li>•Climbs confidently and is beginning to pull themselves up on nursery play climbing equipment.</li> <li>•Can kick a large ball.</li> <li>•Turns pages in a book, sometimes several at once.</li> <li>•Shows control in holding and using jugs to pour, hammers, books and mark-making tools.</li> <li>•Beginning to use three fingers (tripod grip) to hold writing tools</li> <li>•Imitates drawing simple shapes such as circles and lines.</li> <li>•Walks upstairs or downstairs holding onto a rail two feet to a step.</li> <li>•May be beginning to show preference for dominant hand.</li> </ul>	<ul style="list-style-type: none"> <li>•Feeds self competently with spoon.</li> <li>•Drinks well without spilling.</li> <li>•Clearly communicates their need for potty or toilet.</li> <li>•Beginning to recognise danger and seeks support of significant adults for help.</li> <li>•Helps with clothing, e.g. puts on hat, unzips zipper on jacket, takes off unbuttoned shirt.</li> <li>•Beginning to be independent in self-care, but still often needs adult support.</li> </ul>
 <p>30-50 months</p>	<ul style="list-style-type: none"> <li>•Moves freely and with pleasure and confidence in a range of ways, such as slithering, shuffling, rolling, crawling, walking, running, jumping, skipping, sliding and hopping.</li> <li>•Mounts stairs, steps or climbing equipment using alternate feet.</li> <li>•Walks downstairs, two feet to each step while carrying a small object.</li> <li>•Runs skilfully and negotiates space successfully, adjusting speed or direction to avoid obstacles.</li> <li>•Can stand momentarily on one foot when shown.</li> <li>•Can catch a large ball.</li> <li>•Draws lines and circles using gross motor movements.</li> <li>•Uses one-handed tools and equipment, e.g. makes snips in paper with child scissors.</li> <li>•Holds pencil between thumb and two fingers, no longer using whole-hand grasp.</li> <li>•Holds pencil near point between first two fingers and thumb and uses it with good control.</li> <li>•Can copy some letters, e.g. letters from their name.</li> </ul>	<ul style="list-style-type: none"> <li>•Can tell adults when hungry or tired or when they want to rest or play.</li> <li>•Observes the effects of activity on their bodies.</li> <li>•Understands that equipment and tools have to be used safely.</li> <li>•Gains more bowel and bladder control and can attend to toileting needs most of the time themselves.</li> <li>•Can usually manage washing and drying hands.</li> <li>•Dresses with help, e.g. puts arms into open-fronted coat or shirt when held up, pulls up own trousers, and pulls up zipper once it is fastened at the bottom.</li> </ul>
 <p>40-60 months</p>	<ul style="list-style-type: none"> <li>•Experiments with different ways of moving.</li> <li>•Jumps off an object and lands appropriately.</li> <li>•Negotiates space successfully when playing racing and chasing games with other children, adjusting speed or changing direction to avoid obstacles.</li> <li>•Travels with confidence and skill around, under, over and through balancing and climbing equipment.</li> <li>•Shows increasing control over an object in pushing, patting, throwing, catching or kicking it.</li> <li>•Uses simple tools to effect changes to materials.</li> <li>•Handles tools, objects, construction and malleable materials safely and with increasing control.</li> <li>•Shows a preference for a dominant hand.</li> <li>•Begins to use anticlockwise movement and retrace vertical lines.</li> <li>•Begins to form recognisable letters.</li> <li>•Uses a pencil and holds it effectively to form recognisable letters, most of which are correctly formed.</li> </ul> <p><b>Early Learning Goal</b>  <b>Children show good control and co-ordination in large and small movements. They move confidently in a range of ways, safely negotiating space. They handle equipment and tools effectively, including pencils for writing.</b></p>	<ul style="list-style-type: none"> <li>•Eats a healthy range of foodstuffs and understands need for variety in food.</li> <li>•Usually dry and clean during the day.</li> <li>•Shows some understanding that good practices with regard to exercise, eating, sleeping and hygiene can contribute to good health.</li> <li>•Shows understanding of the need for safety when tackling new challenges, and considers and manages some risks.</li> <li>•Shows understanding of how to transport and store equipment safely.</li> <li>•Practices some appropriate safety measures without direct supervision.</li> </ul> <p><b>Early Learning Goal</b>  <b>Children know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe. They manage their own basic hygiene and personal needs successfully, including dressing and going to the toilet independently</b></p>

**SPECIFIC AREA OF LEARNING AND DEVELOPMENT – Literacy**

**Reading**

**Writing**

 birth – 11 months	<ul style="list-style-type: none"> <li>•Enjoys looking at books and other printed material with familiar people.</li> </ul>	<p>Children’s later writing is based on skills and understandings which they develop as babies and toddlers. Before they can write, they need to learn to use spoken language to communicate. Later they learn to write down the words they can say.</p> <p>Early mark-making is not the same as writing. It is a sensory and physical experience for babies and toddlers, which they do not yet connect to forming symbols which can communicate meaning.</p>
 8-20 months	<ul style="list-style-type: none"> <li>•Handles books and printed material with interest.</li> </ul>	
 16-26 months	<ul style="list-style-type: none"> <li>• Interested in books and rhymes and may have favourites.</li> </ul>	
 22-36 months	<ul style="list-style-type: none"> <li>•Has some favourite stories, rhymes, songs, poems or jingles.</li> <li>•Repeats words or phrases from familiar stories.</li> <li>•Fills in the missing word or phrase in a known rhyme, story or game, e.g. ‘Humpty Dumpty sat on a ...’</li> </ul>	<ul style="list-style-type: none"> <li>•Distinguishes between the different marks they make.</li> </ul>
 30-50 months	<ul style="list-style-type: none"> <li>• Enjoys rhyming and rhythmic activities.</li> <li>•Shows awareness of rhyme and alliteration.</li> <li>•Recognises rhythm in spoken words.</li> <li>• Listens to and joins in with stories and poems, one-to-one and also in small groups.</li> <li>• Joins in with repeated refrains and anticipates key events and phrases in rhymes and stories.</li> <li>•Beginning to be aware of the way stories are structured.</li> <li>•Suggests how the story might end.</li> <li>• Listens to stories with increasing attention and recall.</li> <li>•Describes main story settings, events and principal characters.</li> <li>•Shows interest in illustrations and print in books and print in the environment.</li> <li>•Recognises familiar words and signs such as own name and advertising logos.</li> <li>• Looks at books independently.</li> <li>• Handles books carefully.</li> <li>•Knows information can be relayed in the form of print.</li> <li>• Holds books the correct way up and turns pages.</li> <li>•Knows that print carries meaning and, in English, is read from left to right and top to bottom.</li> </ul>	<ul style="list-style-type: none"> <li>•Sometimes gives meaning to marks as they draw and paint.</li> <li>•Ascribes meanings to marks that they see in different places.</li> </ul>
 40-60 months	<ul style="list-style-type: none"> <li>• Continues a rhyming string.</li> <li>• Hears and says the initial sound in words.</li> <li>• Can segment the sounds in simple words and blend them together and knows which letters represent some of them.</li> <li>• Links sounds to letters, naming and sounding the letters of the alphabet.</li> <li>•Begins to read words and simple sentences.</li> <li>•Uses vocabulary and forms of speech that are increasingly influenced by their experiences of books.</li> <li>• Enjoys an increasing range of books.</li> <li>•Knows that information can be retrieved from books and computers.</li> </ul> <p><b>Early Learning Goal</b>                  Children read and understand simple sentences. They use phonic knowledge to decode regular words and read them aloud accurately. They also read some common irregular words. They demonstrate understanding when talking with others about what they have read.</p>	<ul style="list-style-type: none"> <li>•Gives meaning to marks they make as they draw, write and paint.</li> <li>•Begins to break the flow of speech into words.</li> <li>•Continues a rhyming string.</li> <li>•Hears and says the initial sound in words.</li> <li>•Can segment the sounds in simple words and blend them together.</li> <li>•Links sounds to letters, naming and sounding the letters of the alphabet.</li> <li>•Uses some clearly identifiable letters to communicate meaning, representing some sounds correctly and in sequence.</li> <li>•Writes own name and other things such as labels, captions.</li> <li>•Attempts to write short sentences in meaningful contexts.</li> </ul> <p><b>Early Learning Goal</b>                  Children use their phonic knowledge to write words in ways which match their spoken sounds. They also write some irregular common words. They write simple sentences which can be read by themselves and others. Some words are spelt correctly and others are phonetically plausible.</p>

## SPECIFIC AREA OF LEARNING AND DEVELOPMENT – Maths

### Number

### Shape, space and measure

 birth – 11 months	<ul style="list-style-type: none"> <li>•Notices changes in number of objects/images or sounds in group of up to 3.</li> </ul>	Babies' early awareness of shape, space and measure grows from their sensory awareness and opportunities to observe objects and their movements, and to play and explore.
 8-20 months	<ul style="list-style-type: none"> <li>•Develops an awareness of number names through their enjoyment of action rhymes and songs that relate to their experience of numbers.</li> <li>•Has some understanding that things exist, even when out of sight.</li> </ul>	<ul style="list-style-type: none"> <li>•Recognises big things and small things in meaningful contexts.</li> <li>•Gets to know and enjoy daily routines, such as getting-up time, mealtimes, nappy time, and bedtime.</li> </ul>
 16-26 months	<ul style="list-style-type: none"> <li>•Knows that things exist, even when out of sight.</li> <li>•Beginning to organise and categorise objects, e.g. putting all the teddy bears together or teddies and cars in separate piles.</li> <li>•Says some counting words randomly.</li> </ul>	<ul style="list-style-type: none"> <li>•Attempts, sometimes successfully, to fit shapes into spaces on inset boards or jigsaw puzzles.</li> <li>•Uses blocks to create their own simple structures and arrangements.</li> <li>•Enjoys filling and emptying containers.</li> <li>•Associates a sequence of actions with daily routines.</li> <li>•Beginning to understand that things might happen 'now'.</li> </ul>
 22-36 months	<ul style="list-style-type: none"> <li>•Selects a small number of objects from a group when asked, for example, 'please give me one', 'please give me two'.</li> <li>•Recites some number names in sequence.</li> <li>•Creates and experiments with symbols and marks representing ideas of number.</li> <li>•Begins to make comparisons between quantities.</li> <li>•Uses some language of quantities, such as 'more' and 'a lot'.</li> <li>•Knows that a group of things changes in quantity when something is added or taken away.</li> </ul>	<ul style="list-style-type: none"> <li>•Notices simple shapes and patterns in pictures.</li> <li>•Beginning to categorise objects according to properties such as shape or size.</li> <li>•Begins to use the language of size.</li> <li>•Understands some talk about immediate past and future, e.g. 'before', 'later' or 'soon'.</li> <li>•Anticipates specific time-based events such as mealtimes or home time.</li> </ul>
 30-50 months	<ul style="list-style-type: none"> <li>•Uses some number names and number language spontaneously.</li> <li>•Uses some number names accurately in play.</li> <li>•Recites numbers in order to 10.</li> <li>•Knows that numbers identify how many objects are in a set.</li> <li>•Beginning to represent numbers using fingers, marks on paper or pictures.</li> <li>•Sometimes matches numeral and quantity correctly.</li> <li>•Shows curiosity about numbers by offering comments or asking questions.</li> <li>•Compares two groups of objects, saying when they have the same number.</li> <li>•Shows an interest in number problems.</li> <li>•Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same.</li> <li>•Shows an interest in numerals in the environment.</li> <li>•Shows an interest in representing numbers.</li> <li>•Realises not only objects, but anything can be counted, including steps, claps or jumps.</li> </ul>	<ul style="list-style-type: none"> <li>•Shows an interest in shape and space by playing with shapes or making arrangements with objects.</li> <li>•Shows awareness of similarities of shapes in the environment.</li> <li>•Uses positional language.</li> <li>•Shows interest in shape by sustained construction activity or by talking about shapes or arrangements.</li> <li>•Shows interest in shapes in the environment.</li> <li>•Uses shapes appropriately for tasks.</li> <li>•Beginning to talk about the shapes of everyday objects, e.g. 'round' and 'tall'.</li> </ul>
 40-60 months	<ul style="list-style-type: none"> <li>•Recognise some numerals of personal significance.</li> <li>•Recognises numerals 1 to 5.</li> <li>•Counts up to three or four objects by saying one number name for each item.</li> <li>•Counts actions or objects which cannot be moved.</li> <li>•Counts objects to 10, and beginning to count beyond 10.</li> <li>•Counts out up to six objects from a larger group.</li> <li>•Selects the correct numeral to represent 1 to 5, then 1 to 10 objects.</li> <li>•Counts an irregular arrangement of up to ten objects.</li> <li>•Estimates how many objects they can see and checks by counting them.</li> <li>•Uses the language of 'more' and 'fewer' to compare two sets of objects.</li> <li>•Finds the total number of items in two groups by counting all of them.</li> <li>•Says the number that is one more than a given number.</li> <li>•Finds one more or one less from a group of up to five objects, then ten objects.</li> <li>•In practical activities and discussion, beginning to use the vocabulary involved in adding and subtracting.</li> <li>•Records, using marks that they can interpret and explain.</li> <li>•Begins to identify own mathematical problems based on own interests and fascinations.</li> </ul> <p><b>Early Learning Goal</b>                      Children count reliably with numbers from one to 20, place them in order and say which number is one more or one less than a given number. Using quantities and objects, they add and subtract two single-digit numbers and count on or back to find the answer. They solve problems, including doubling, halving and sharing.</p>	<ul style="list-style-type: none"> <li>•Beginning to use mathematical names for 'solid' 3D shapes and 'flat' 2D shapes, and mathematical terms to describe shapes.</li> <li>•Selects a particular named shape.</li> <li>•Can describe their relative position such as 'behind' or 'next to'.</li> <li>•Orders two or three items by length or height.</li> <li>•Orders two items by weight or capacity.</li> <li>•Uses familiar objects and common shapes to create and recreate patterns and build models.</li> <li>•Uses everyday language related to time.</li> <li>•Beginning to use everyday language related to money.</li> <li>•Orders and sequences familiar events.</li> <li>•Measures short periods of time in simple ways.</li> </ul> <p><b>Early Learning Goal</b>                      Children use everyday language to talk about size, weight, capacity, position, distance, time and money to compare quantities and objects and to solve problems. They recognise, create and describe patterns. They explore characteristics of everyday objects and shapes and use mathematical language to describe them.</p>

**SPECIFIC AREA OF LEARNING AND DEVELOPMENT - Understanding the world**

	<b>People and communities</b>	<b>The world</b>	<b>Technology</b>
 birth – 11 months	The beginnings of understanding of people and communities lie in early attachment and other relationships.	<ul style="list-style-type: none"> <li>•Moves eyes, then head, to follow moving objects.</li> <li>•Reacts with abrupt change when a face or object suddenly disappears from view.</li> <li>•Looks around a room with interest; visually scans environment for novel, interesting objects and events.</li> <li>•Smiles with pleasure at recognisable playthings.</li> <li>•Repeats actions that have an effect, e.g. kicking or hitting a mobile or shaking a rattle.</li> </ul> (See also Characteristics of Effective Learning – Playing and Exploring, and Physical Development)	The beginnings of understanding technology lie in babies exploring and making sense of objects and how they behave.
 8-20 months		<ul style="list-style-type: none"> <li>•Closely observes what animals, people and vehicles do.</li> <li>•Watches toy being hidden and tries to find it.</li> <li>•Looks for dropped objects.</li> <li>•Becomes absorbed in combining objects, e.g. banging two objects or placing objects into containers.</li> <li>•Knows things are used in different ways, e.g. a ball for rolling or throwing, a toy car for pushing.</li> </ul>	
 16-26 months	<ul style="list-style-type: none"> <li>• Is curious about people and shows interest in stories about themselves and their family.</li> <li>•Enjoys pictures and stories about themselves, their families and other people.</li> </ul>	<ul style="list-style-type: none"> <li>•Explores objects by linking together different approaches: shaking, hitting, looking, feeling, tasting, mouthing, pulling, turning and poking.</li> <li>•Remembers where objects belong.</li> <li>•Matches parts of objects that fit together, e.g. puts lid on teapot.</li> </ul>	<ul style="list-style-type: none"> <li>•Anticipates repeated sounds, sights and actions, e.g. when an adult demonstrates an action toy several times.</li> <li>•Shows interest in toys with buttons, flaps and simple mechanisms and beginning to learn to operate them.</li> </ul>
 22-36 months	<ul style="list-style-type: none"> <li>•Has a sense of own immediate family and relations.</li> <li>• In pretend play, imitates everyday actions and events from own family and cultural background, e.g. making and drinking tea.</li> <li>•Beginning to have their own friends.</li> <li>•Learns that they have similarities and differences that connect them to, and distinguish them from, others.</li> </ul>	<ul style="list-style-type: none"> <li>•Enjoys playing with small-world models such as a farm, a garage, or a train track.</li> <li>•Notices detailed features of objects in their environment.</li> </ul>	<ul style="list-style-type: none"> <li>•Seeks to acquire basic skills in turning on and operating some ICT equipment.</li> <li>•Operates mechanical toys, e.g. turns the knob on a wind-up toy or pulls back on a friction car.</li> </ul>
 30-50 months	<ul style="list-style-type: none"> <li>•Shows interest in the lives of people who are familiar to them.</li> <li>•Remembers and talks about significant events in their own experience.</li> <li>•Recognises and describes special times or events for family or friends.</li> <li>•Shows interest in different occupations and ways of life.</li> <li>•Knows some of the things that make them unique, and can talk about some of the similarities and differences in relation to friends or family.</li> </ul>	<ul style="list-style-type: none"> <li>•Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world.</li> <li>•Can talk about some of the things they have observed such as plants, animals, natural and found objects.</li> <li>•Talks about why things happen and how things work.</li> <li>•Developing an understanding of growth, decay and changes over time.</li> <li>•Shows care and concern for living things and the environment.</li> </ul>	<ul style="list-style-type: none"> <li>•Knows how to operate simple equipment, e.g. turns on CD player and uses remote control.</li> <li>•Shows an interest in technological toys with knobs or pulleys, or real objects such as cameras or mobile phones.</li> <li>•Shows skill in making toys work by pressing parts or lifting flaps to achieve effects such as sound, movements or new images.</li> <li>•Knows that information can be retrieved from computers</li> </ul>
 40-60 months	<ul style="list-style-type: none"> <li>•Enjoys joining in with family customs and routines.</li> </ul> <p><b>Early Learning Goal</b>                      Children talk about past and present events in their own lives and in the lives of family members. They know that other children don't always enjoy the same things, and are sensitive to this. They know about similarities and differences between themselves and others, and among families, communities and traditions.</p>	<ul style="list-style-type: none"> <li>•Looks closely at similarities, differences, patterns and change.</li> </ul> <p><b>Early Learning Goal</b>                      Children know about similarities and differences in relation to places, objects, materials and living things. They talk about the features of their own immediate environment and how environments might vary from one another. They make observations of animals and plants and explain why some things occur, and talk about changes.</p>	<ul style="list-style-type: none"> <li>•Completes a simple program on a computer.</li> <li>•Uses ICT hardware to interact with age-appropriate computer software.</li> </ul> <p><b>Early Learning Goal</b>                      Children recognise that a range of technology is used in places such as homes and schools. They select and use technology for particular purposes.</p>

**SPECIFIC AREA OF LEARNING AND DEVELOPMENT - Expressive arts and design**

**Exploring and using media and materials**

**Being imaginative**

 <p>birth – 11 months</p>	<p>Babies explore media and materials as part of their exploration of the world around them.</p>	<p>Babies and toddlers need to explore the world and develop a range of ways to communicate before they can express their own ideas through arts and design.</p>
 <p>8-20 months</p>	<ul style="list-style-type: none"> <li>•Explores and experiments with a range of media through sensory exploration, and using whole body.</li> <li>•Move their whole bodies to sounds they enjoy, such as music or a regular beat.</li> <li>• Imitates and improvises actions they have observed, e.g. clapping or waving.</li> <li>•Begins to move to music, listen to or join in rhymes or songs.</li> <li>•Notices and is interested in the effects of making movements which leave marks.</li> </ul>	<ul style="list-style-type: none"> <li>•Expresses self through physical action and sound.</li> <li>•Pretends that one object represents another, especially when objects have characteristics in common.</li> </ul>
 <p>16-26 months</p>		<ul style="list-style-type: none"> <li>•Beginning to use representation to communicate, e.g. drawing a line and saying 'That's me.'</li> <li>•Beginning to make-believe by pretending.</li> </ul>
 <p>22-36 months</p>	<ul style="list-style-type: none"> <li>• Joins in singing favourite songs.</li> <li>•Creates sounds by banging, shaking, tapping or blowing.</li> <li>•Shows an interest in the way musical instruments sound.</li> <li>•Experiments with blocks, colours and marks.</li> </ul>	<ul style="list-style-type: none"> <li>•Developing preferences for forms of expression.</li> <li>•Uses movement to express feelings.</li> <li>•Creates movement in response to music.</li> <li>•Sings to self and makes up simple songs.</li> <li>•Makes up rhythms.</li> <li>•Notices what adults do, imitating what is observed and then doing it spontaneously when the adult is not there.</li> <li>•Engages in imaginative role-play based on own first-hand experiences.</li> <li>•Builds stories around toys, e.g. farm animals needing rescue from an armchair 'cliff'.</li> <li>•Uses available resources to create props to support role-play.</li> <li>•Captures experiences and responses with a range of media, such as music, dance and paint and other materials or words.</li> </ul>
 <p>30-50 months</p>	<ul style="list-style-type: none"> <li>•Enjoys joining in with dancing and ring games.</li> <li>•Sings a few familiar songs.</li> <li>•Beginning to move rhythmically.</li> <li>• Imitates movement in response to music.</li> <li>•Taps out simple repeated rhythms.</li> <li>•Explores and learns how sounds can be changed.</li> <li>•Explores colour and how colours can be changed.</li> <li>•Understands that they can use lines to enclose a space, and then begin to use these shapes to represent objects.</li> <li>•Beginning to be interested in and describe the texture of things.</li> <li>•Uses various construction materials.</li> <li>•Beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces.</li> <li>• Joins construction pieces together to build and balance.</li> <li>•Realises tools can be used for a purpose.</li> </ul>	<ul style="list-style-type: none"> <li>•Create simple representations of events, people and objects.</li> <li>• Initiates new combinations of movement and gesture in order to express and respond to feelings, ideas and experiences.</li> <li>•Chooses particular colours to use for a purpose.</li> <li>• Introduces a storyline or narrative into their play.</li> <li>•Plays alongside other children who are engaged in the same theme.</li> <li>•Plays cooperatively as part of a group to develop and act out a narrative.</li> </ul> <p><b>Early Learning Goal</b>  <b>Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories.</b></p>
 <p>40-60 months</p>	<ul style="list-style-type: none"> <li>•Begins to build a repertoire of songs and dances.</li> <li>•Explores the different sounds of instruments.</li> <li>•Explores what happens when they mix colours.</li> <li>•Experiments to create different textures.</li> <li>•Understands that different media can be combined to create new effects.</li> <li>•Manipulates materials to achieve a planned effect.</li> <li>•Constructs with a purpose in mind, using a variety of resources.</li> <li>•Uses simple tools and techniques competently and appropriately.</li> <li>•Selects appropriate resources and adapts work where necessary.</li> <li>•Selects tools and techniques needed to shape, assemble and join materials they are using.</li> </ul> <p><b>Early Learning Goal</b>  <b>Children sing songs, make music and dance, and experiment with ways of changing them. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.</b></p>	

# National Curriculum for English

	Year 1	Year 2	Year 3 and 4
<b>Reading – word reading</b>	<ul style="list-style-type: none"> <li>• apply phonic knowledge and skills as the route to decode words</li> <li>• respond speedily with the correct sound to graphemes (letters or groups of letters) for all 40+ phonemes, including, where applicable, alternative sounds for graphemes</li> <li>• read accurately by blending sounds in unfamiliar words containing GPCs that have been taught</li> <li>• read common exception words, noting unusual correspondences between spelling and sound and where these occur in the word</li> <li>• read words containing taught GPCs and –s, –es, –ing, –ed, –er and –est endings</li> <li>• read other words of more than one syllable that contain taught GPCs</li> <li>• read words with contractions [for example, I’m, I’ll, we’ll], and understand that the apostrophe represents the omitted letter(s)</li> <li>• read aloud accurately books that are consistent with their developing phonic knowledge and that do not require them to use other strategies to work out words</li> <li>• re-read these books to build up their fluency and confidence in word reading.</li> </ul>	<ul style="list-style-type: none"> <li>• continue to apply phonic knowledge and skills as the route to decode words until automatic decoding has become embedded and reading is fluent</li> <li>• read accurately by blending the sounds in words that contain the graphemes taught so far, especially recognising alternative sounds for graphemes</li> <li>• read accurately words of two or more syllables that contain the same graphemes as above</li> <li>• read words containing common suffixes</li> <li>• read further common exception words, noting unusual correspondences between spelling and sound and where these occur in the word</li> <li>• read most words quickly and accurately, without overt sounding and blending, when they have been frequently encountered</li> <li>• read aloud books closely matched to their improving phonic knowledge, sounding out unfamiliar words accurately, automatically and without undue hesitation</li> <li>• re-read these books to build up their fluency and confidence in word reading.</li> </ul>	<ul style="list-style-type: none"> <li>• apply their growing knowledge of root words, prefixes and suffixes (etymology and morphology) as listed in English Appendix 1, both to read aloud and to understand the meaning of new words they meet</li> <li>• read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word.</li> </ul>

	Year 1	Year 2	Year 3 and 4
<b>Reading – comprehension</b>	<p>develop pleasure in reading, motivation to read, vocabulary and understanding by:</p> <ul style="list-style-type: none"> <li>• listening to and discussing a wide range of poems, stories and non-fiction at a level beyond that at which they can read independently</li> <li>• being encouraged to link what they read or hear read to their own experiences</li> <li>• becoming very familiar with key stories, fairy stories and traditional tales, retelling them and considering their particular characteristics</li> <li>• recognising and joining in with predictable phrases</li> <li>• learning to appreciate rhymes and poems, and to recite some by heart</li> <li>• discussing word meanings, linking new meanings to those already known</li> </ul> <p>understand both the books they can already read accurately and fluently and those they listen to by:</p> <ul style="list-style-type: none"> <li>• drawing on what they already know or on background information and vocabulary provided by the teacher</li> <li>• checking that the text makes sense to them as they read and correcting inaccurate reading</li> <li>• discussing the significance of the title and events</li> <li>• making inferences on the basis of what is being said and done</li> <li>• predicting what might happen on the basis of what has been read so far</li> <li>• participate in discussion about what is read to them, taking turns and listening to what others say</li> <li>• explain clearly their understanding of what is read to them.</li> </ul>	<p>develop pleasure in reading, motivation to read, vocabulary and understanding by:</p> <ul style="list-style-type: none"> <li>• listening to, discussing and expressing views about a wide range of contemporary and classic poetry, stories and non-fiction at a level beyond that at which they can read independently</li> <li>• discussing the sequence of events in books and how items of information are related</li> <li>• becoming increasingly familiar with and retelling a wider range of stories, fairy stories and traditional tales</li> <li>• being introduced to non-fiction books that are structured in different ways</li> <li>• recognising simple recurring literary language in stories and poetry</li> <li>• discussing and clarifying the meanings of words, linking new meanings to known vocabulary</li> <li>• discussing their favourite words and phrases</li> <li>• continuing to build up a repertoire of poems learnt by heart, appreciating these and reciting some, with appropriate intonation to make the meaning clear</li> </ul> <p>understand both the books that they can already read accurately and fluently and those that they listen to by:</p> <ul style="list-style-type: none"> <li>• drawing on what they already know or on background information and vocabulary provided by the teacher</li> <li>• checking that the text makes sense to them as they read and correcting inaccurate reading</li> <li>• making inferences on the basis of what is being said and done</li> <li>• answering and asking questions</li> <li>• predicting what might happen on the basis of what has been read so far</li> <li>• participate in discussion about books, poems and other works that are read to them and those that they can read for themselves, taking turns and listening to what others say</li> <li>• explain and discuss their understanding of books, poems and other material, both those that they listen to and those that they read for themselves.</li> </ul>	<p>develop positive attitudes to reading and understanding of what they read by:</p> <ul style="list-style-type: none"> <li>• listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks</li> <li>• reading books that are structured in different ways and reading for a range of purposes</li> <li>• using dictionaries to check the meaning of words that they have read</li> <li>• increasing their familiarity with a wide range of books, including fairy stories, myths and legends, and retelling some of these orally</li> <li>• identifying themes and conventions in a wide range of books</li> <li>• preparing poems and play scripts to read aloud and to perform, showing understanding through intonation, tone, volume and action</li> <li>• discussing words and phrases that capture the reader's interest and imagination</li> <li>• recognising some different forms of poetry [for example, free verse, narrative poetry]</li> </ul> <p>understand what they read, in books they can read independently, by:</p> <ul style="list-style-type: none"> <li>• checking that the text makes sense to them, discussing their understanding and explaining the meaning of words in context</li> <li>• asking questions to improve their understanding of a text</li> <li>• drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence</li> <li>• predicting what might happen from details stated and implied</li> <li>• identifying main ideas drawn from more than one paragraph and summarising these</li> <li>• identifying how language, structure, and presentation contribute to meaning</li> <li>• retrieve and record information from non-fiction</li> <li>• participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say.</li> </ul>

	Year 1	Year 2	Year 3 and 4
<b>Writing – transcription</b>	<p>Spell:</p> <ul style="list-style-type: none"> <li>words containing each of the 40+ phonemes already taught</li> <li>common exception words</li> <li>the days of the week</li> <li>name the letters of the alphabet:</li> <li>naming the letters of the alphabet in order</li> <li>using letter names to distinguish between alternative spellings of the same sound</li> <li>add prefixes and suffixes:</li> <li>using the spelling rule for adding –s or –es as the plural marker for nouns and the third person singular marker for verbs</li> <li>using the prefix un–</li> <li>using –ing, –ed, –er and –est where no change is needed in the spelling of root words [for example, helping, helped, helper, eating, quicker, quickest]</li> <li>apply simple spelling rules and guidance, as listed in <a href="#">English Appendix 1</a></li> <li>write from memory simple sentences dictated by the teacher that include words using the GPCs and common exception words taught so far.</li> </ul> <p>Handwriting</p> <ul style="list-style-type: none"> <li>sit correctly at a table, holding a pencil comfortably and correctly</li> <li>begin to form lower-case letters in the correct direction, starting and finishing in the right place</li> <li>form capital letters</li> <li>form digits 0-9</li> <li>understand which letters belong to which handwriting ‘families’ (i.e. letters that are formed in similar ways) and to practise these.</li> </ul>	<p>spell by:</p> <ul style="list-style-type: none"> <li>segmenting spoken words into phonemes and representing these by graphemes, spelling many correctly</li> <li>learning new ways of spelling phonemes for which one or more spellings are already known, and learn some words with each spelling, including a few common homophones</li> <li>learning to spell common exception words</li> <li>learning to spell more words with contracted forms</li> <li>learning the possessive apostrophe (singular) [for example, the girl’s book]</li> <li>distinguishing between homophones and near-homophones</li> <li>add suffixes to spell longer words, including –ment, –ness, –ful, –less, –ly</li> <li>apply spelling rules and guidance, as listed in <a href="#">English Appendix 1</a></li> <li>write from memory simple sentences dictated by the teacher that include words using the GPCs, common exception words and punctuation taught so far.</li> </ul> <p>Handwriting</p> <ul style="list-style-type: none"> <li>form lower-case letters of the correct size relative to one another</li> <li>start using some of the diagonal and horizontal strokes needed to join letters and understand which letters, when adjacent to one another, are best left unjoined</li> <li>write capital letters and digits of the correct size, orientation and relationship to one another and to lower case letters</li> <li>use spacing between words that reflects the size of the letters.</li> </ul>	<ul style="list-style-type: none"> <li>use further prefixes and suffixes and understand how to add them (<a href="#">English Appendix 1</a>)</li> <li>spell further homophones</li> <li>spell words that are often misspelt (<a href="#">English Appendix 1</a>)</li> <li>place the possessive apostrophe accurately in words with regular plurals [for example, girls’, boys’] and in words with irregular plurals [for example, children’s]</li> <li>use the first two or three letters of a word to check its spelling in a dictionary</li> <li>write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far.</li> </ul> <p>Handwriting</p> <ul style="list-style-type: none"> <li>use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left unjoined</li> <li>increase the legibility, consistency and quality of their handwriting [for example, by ensuring that the downstrokes of letters are parallel and equidistant; that lines of writing are spaced sufficiently so that the ascenders and descenders of letters do not touch].</li> </ul>

	Year 1	Year 2	Year 3 and 4
<b>Writing – composition</b>	<ul style="list-style-type: none"> <li>• write sentences by:</li> <li>• saying out loud what they are going to write about</li> <li>• composing a sentence orally before writing it</li> <li>• sequencing sentences to form short narratives</li> <li>• re-reading what they have written to check that it makes sense</li> <li>• discuss what they have written with the teacher or other pupils</li> <li>• read aloud their writing clearly enough to be heard by their peers and the teacher.</li> </ul>	<ul style="list-style-type: none"> <li>• develop positive attitudes towards and stamina for writing by:</li> <li>• writing narratives about personal experiences and those of others (real and fictional)</li> <li>• writing about real events</li> <li>• writing poetry</li> <li>• writing for different purposes</li> <li>• consider what they are going to write before beginning by:</li> <li>• planning or saying out loud what they are going to write about</li> <li>• writing down ideas and/or key words, including new vocabulary</li> <li>• encapsulating what they want to say, sentence by sentence</li> <li>• make simple additions, revisions and corrections to their own writing by:</li> <li>• evaluating their writing with the teacher and other pupils</li> <li>• re-reading to check that their writing makes sense and that verbs to indicate time are used correctly and consistently, including verbs in the continuous form</li> <li>• proof-reading to check for errors in spelling, grammar and punctuation [for example, ends of sentences punctuated correctly]</li> <li>• read aloud what they have written with appropriate intonation to make the meaning clear.</li> </ul>	<ul style="list-style-type: none"> <li>• plan their writing by:</li> <li>• discussing writing similar to that which they are planning to write in order to understand and learn from its structure, vocabulary and grammar</li> <li>• discussing and recording ideas</li> <li>• draft and write by:</li> <li>• composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures (English Appendix 2)</li> <li>• organising paragraphs around a theme</li> <li>• in narratives, creating settings, characters and plot</li> <li>• in non-narrative material, using simple organisational devices [for example, headings and sub-headings]</li> <li>• evaluate and edit by:</li> <li>• assessing the effectiveness of their own and others’ writing and suggesting improvements</li> <li>• proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences</li> <li>• proof-read for spelling and punctuation errors</li> <li>• read aloud their own writing, to a group or the whole class, using appropriate intonation and controlling the tone and volume so that the meaning is clear.</li> </ul>

	Year 1	Year 2	Year 3 and 4
<b>Writing – vocabulary, grammar and punctuation</b>	<ul style="list-style-type: none"> <li>develop their understanding of the concepts set out in English Appendix 2 by:</li> <li>leaving spaces between words</li> <li>joining words and joining clauses using and</li> <li>beginning to punctuate sentences using a capital letter and a full stop, question mark or exclamation mark</li> <li>using a capital letter for names of people, places, the days of the week, and the personal pronoun ‘I’</li> <li>learning the grammar for year 1 in English Appendix 2</li> <li>use the grammatical terminology in English Appendix 2 in discussing their writing.</li> </ul>	<ul style="list-style-type: none"> <li>develop their understanding of the concepts set out in English Appendix 2 by:</li> <li>learning how to use both familiar and new punctuation correctly (see English Appendix 2), including full stops, capital letters, exclamation marks, question marks, commas for lists and apostrophes for contracted forms and the possessive (singular)</li> <li>learn how to use:</li> <li>sentences with different forms: statement, question, exclamation, command</li> <li>expanded noun phrases to describe and specify [for example, the blue butterfly]</li> <li>the present and past tenses correctly and consistently including the progressive form</li> <li>subordination (using when, if, that, or because) and co-ordination (using or, and, or but)</li> <li>the grammar for year 2 in English Appendix 2</li> <li>some features of written Standard English</li> <li>use and understand the grammatical terminology in English Appendix 2 in discussing their writing.</li> </ul>	<ul style="list-style-type: none"> <li>develop their understanding of the concepts set out in <u>English Appendix 2</u> by:</li> <li>extending the range of sentences with more than one clause by using a wider range of conjunctions, including when, if, because, although</li> <li>using the present perfect form of verbs in contrast to the past tense</li> <li>choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition</li> <li>using conjunctions, adverbs and prepositions to express time and cause</li> <li>using fronted adverbials</li> <li>learning the grammar for years 3 and 4 in English Appendix 2</li> <li>indicate grammatical and other features by:</li> <li>using commas after fronted adverbials</li> <li>indicating possession by using the possessive apostrophe with plural nouns</li> <li>using and punctuating direct speech</li> <li>use and understand the grammatical terminology in English Appendix 2 accurately and appropriately when discussing their writing and reading.</li> </ul>

## All year groups

### Spoken Language

- listen and respond appropriately to adults and their peers
- ask relevant questions to extend their understanding and knowledge
- use relevant strategies to build their vocabulary
- articulate and justify answers, arguments and opinions
- give well-structured descriptions, explanations and narratives for different purposes, including for expressing feelings
- maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments
- use spoken language to develop understanding through speculating, hypothesising, imagining and exploring ideas
- speak audibly and fluently with an increasing command of Standard English
- participate in discussions, presentations, performances, role play, improvisations and debates
- gain, maintain and monitor the interest of the listener(s)
- consider and evaluate different viewpoints, attending to and building on the contributions of others
- select and use appropriate registers for effective communication.

# National Curriculum for Mathematics

	Year 1	Year 2	Year 3
<b>Number – number and place value</b>	<ul style="list-style-type: none"> <li>• count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>• count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</li> <li>• given a number, identify one more and one less</li> <li>• identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>• read and write numbers from 1 to 20 in numerals and words.</li> </ul>	<ul style="list-style-type: none"> <li>• count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward</li> <li>• recognise the place value of each digit in a two-digit number (tens, ones)</li> <li>• identify, represent and estimate numbers using different representations, including the number line</li> <li>• compare and order numbers from 0 up to 100; use <math>&lt;</math>, <math>&gt;</math> and <math>=</math> signs</li> <li>• read and write numbers to at least 100 in numerals and in words</li> <li>• use place value and number facts to solve problems.</li> </ul>	<ul style="list-style-type: none"> <li>• count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</li> <li>• recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>• compare and order numbers up to 1000</li> <li>• identify, represent and estimate numbers using different representations</li> <li>• read and write numbers up to 1000 in numerals and in words</li> <li>• solve number problems and practical problems involving these ideas.</li> </ul>

	Year 1	Year 2	Year 3
Number – addition and subtraction	<ul style="list-style-type: none"> <li>• read, write and interpret mathematical statements involving addition (+), subtraction (–) and equals (=) signs</li> <li>• represent and use number bonds and related subtraction facts within 20</li> <li>• add and subtract one-digit and two-digit numbers to 20, including zero</li> <li>• solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = ? - 9</math>.</li> </ul>	<p>solve problems with addition and subtraction:</p> <ul style="list-style-type: none"> <li>• using concrete objects and pictorial representations, including those involving numbers, quantities and measures</li> <li>• applying their increasing knowledge of mental and written methods</li> <li>• recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100</li> </ul> <p>add and subtract numbers using concrete objects, pictorial representations, and mentally, including:</p> <ul style="list-style-type: none"> <li>• a two-digit number and ones</li> <li>• a two-digit number and tens</li> <li>• two two-digit numbers</li> <li>• adding three one-digit numbers</li> <li>• show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot</li> <li>• recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</li> </ul>	<p>add and subtract numbers mentally, including:</p> <ul style="list-style-type: none"> <li>• a three-digit number and ones</li> <li>• a three-digit number and tens</li> <li>• a three-digit number and hundreds</li> <li>• add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</li> <li>• estimate the answer to a calculation and use inverse operations to check answers</li> <li>• solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</li> </ul>

	Year 1	Year 2	Year 3
Number – multiplication and division	<ul style="list-style-type: none"> <li>solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</li> </ul>	<ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers</li> <li>calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (<math>\times</math>), division (<math>\div</math>) and equals (=) signs</li> <li>show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot</li> <li>solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in contexts.</li> </ul>	<ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> <li>solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which <math>n</math> objects are connected to <math>m</math> objects.</li> </ul>

	Year 1	Year 2	Year 3
Number – fractions	<ul style="list-style-type: none"> <li>recognise, find and name a half as one of two equal parts of an object, shape or quantity</li> <li>recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.</li> </ul>	<ul style="list-style-type: none"> <li>recognise, find, name and write fractions <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{2}{4}</math> and <math>\frac{3}{4}</math> of a length, shape, set of objects or quantity.</li> <li>write simple fractions for example, <math>\frac{1}{2}</math> of 6 = 3 and recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math>.</li> </ul>	<ul style="list-style-type: none"> <li>count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10</li> <li>recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</li> <li>recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</li> <li>recognise and show, using diagrams, equivalent fractions with small denominators</li> <li>add and subtract fractions with the same denominator within one whole [for example, <math>\frac{5}{7} + \frac{1}{7} = \frac{6}{7}</math>]</li> <li>compare and order unit fractions, and fractions with the same denominators</li> <li>solve problems that involve all of the above.</li> </ul>

	Year 1	Year 2	Year 3
Measurement	<ul style="list-style-type: none"> <li>compare, describe and solve practical problems for:</li> <li>lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]</li> <li>mass/weight [for example, heavy/light, heavier than, lighter than]</li> <li>capacity and volume [for example, full/empty, more than, less than, half, half full, quarter]</li> <li>time [for example, quicker, slower, earlier, later]</li> </ul> <p>measure and begin to record the following:</p> <ul style="list-style-type: none"> <li>lengths and heights</li> <li>mass/weight</li> <li>capacity and volume</li> <li>time (hours, minutes, seconds)</li> <li>recognise and know the value of different denominations of coins and notes</li> <li>sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]</li> <li>recognise and use language relating to dates, including days of the week, weeks, months and years</li> <li>tell the time to the hour and half past the hour and draw the hands on a clock face to show these times.</li> </ul>	<ul style="list-style-type: none"> <li>choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels</li> <li>compare and order lengths, mass, volume/capacity and record the results using &gt;, &lt; and =</li> <li>recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value</li> <li>find different combinations of coins that equal the same amounts of money</li> <li>solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change</li> <li>compare and sequence intervals of time</li> <li>tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times</li> <li>know the number of minutes in an hour and the number of hours in a day.</li> </ul>	<ul style="list-style-type: none"> <li>measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)</li> <li>measure the perimeter of simple 2-D shapes</li> <li>add and subtract amounts of money to give change, using both £ and p in practical contexts</li> <li>tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks</li> <li>estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight</li> <li>know the number of seconds in a minute and the number of days in each month, year and leap year</li> <li>compare durations of events [for example to calculate the time taken by particular events or tasks].</li> </ul>

	Year 1	Year 2	Year 3
Geometry – properties of shapes	<p>recognise and name common 2-D and 3-D shapes, including:</p> <ul style="list-style-type: none"> <li>• 2-D shapes [for example, rectangles (including squares), circles and triangles]</li> <li>• 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].</li> </ul>	<ul style="list-style-type: none"> <li>• identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line</li> <li>• identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces</li> <li>• identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid]</li> <li>• compare and sort common 2-D and 3-D shapes and everyday objects.</li> </ul>	<ul style="list-style-type: none"> <li>• draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</li> <li>• recognise angles as a property of shape or a description of a turn</li> <li>• identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle</li> <li>• identify horizontal and vertical lines and pairs of perpendicular and parallel lines.</li> </ul>

	Year 1	Year 2	Year 3
Geometry – position and direction	<ul style="list-style-type: none"> <li>• describe position, direction and movement, including whole, half, quarter and three-quarter turns.</li> </ul>	<ul style="list-style-type: none"> <li>• order and arrange combinations of mathematical objects in patterns and sequences</li> <li>• use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anti-clockwise).</li> </ul>	

	Year 1	Year 2	Year 3
Statistics		<ul style="list-style-type: none"> <li>• interpret and construct simple pictograms, tally charts, block diagrams and simple tables</li> <li>• ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity</li> <li>• ask and answer questions about totalling and comparing categorical data.</li> </ul>	<ul style="list-style-type: none"> <li>• interpret and present data using bar charts, pictograms and tables</li> <li>• solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.</li> </ul>

# National Curriculum for Science

**Year 1**

**Year 2**

## Working Scientifically

- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- performing simple tests

- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions.

**Year 1**

**Year 2**

## Plants

- identify and name a variety of common wild and garden plants, including deciduous and evergreen trees
- identify and describe the basic structure of a variety of common flowering plants, including trees.

- observe and describe how seeds and bulbs grow into mature plants
- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

**Year 1**

**Year 2**

## Animals, including humans

- identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
- identify and name a variety of common animals that are carnivores, herbivores and omnivores
- describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
- identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.

- notice that animals, including humans, have offspring which grow into adults
- find out about and describe the basic needs of animals, including humans, for survival (water, food and air)
- describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.

**Year 1**

**Year 2**

## Everyday materials

## Use of everyday materials

- distinguish between an object and the material from which it is made
- identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock
- describe the simple physical properties of a variety of everyday materials
- compare and group together a variety of everyday materials on the basis of their simple physical properties.

- identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses
- find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.

**Year 1**

**Year 2**

## Seasonal Changes

## Living things and their habitats

- observe changes across the four seasons
- observe and describe weather associated with the seasons and how day length varies.

- explore and compare the differences between things that are living, dead, and things that have never been alive
- identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other

- identify and name a variety of plants and animals in their habitats, including micro-habitats
- describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.

## National Curriculum Foundation Subjects

### Key Stage 1

**PE**

Pupils should develop fundamental movement skills, become increasingly competent and confident and access a broad range of opportunities to extend their agility, balance and coordination, individually and with others. They should be able to engage in competitive (both against self and against others) and co-operative physical activities, in a range of increasingly challenging situations.

Pupils should be taught to:

- master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities
- participate in team games, developing simple tactics for attacking and defending
- perform dances using simple movement patterns.

**Computing**

Pupils should be taught to:

- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- create and debug simple programs
- use logical reasoning to predict the behaviour of simple programs
- use technology purposefully to create, organise, store, manipulate and retrieve digital content
- recognise common uses of information technology beyond school
- use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

**History**

Pupils should develop an awareness of the past, using common words and phrases relating to the passing of time. They should know where the people and events they study fit within a chronological framework and identify similarities and differences between ways of life in different periods. They should use a wide vocabulary of everyday historical terms. They should ask and answer questions, choosing and using parts of stories and other sources to show that they know and understand key features of events. They should understand some of the ways in which we find out about the past and identify different ways in which it is represented. In planning to ensure the progression described above through teaching about the people, events and changes outlined below, teachers are often introducing pupils to historical periods that they will study more fully at key stages 2 and 3.

Pupils should be taught about:

- changes within living memory. Where appropriate, these should be used to reveal aspects of change in national life
- events beyond living memory that are significant nationally or globally [for example, the Great Fire of London, the first aeroplane flight or events commemorated through festivals or anniversaries]
- the lives of significant individuals in the past who have contributed to national and international achievements. Some should be used to compare aspects of life in different periods [for example, Elizabeth I and Queen Victoria, Christopher Columbus and Neil Armstrong, William Caxton and Tim Berners-Lee, Pieter Bruegel the Elder and LS Lowry, Rosa Parks and Emily Davison, Mary Seacole and/or Florence Nightingale and Edith Cavell]

	<ul style="list-style-type: none"> <li>▪ significant historical events, people and places in their own locality.</li> </ul>
<h2>National Curriculum Foundation Subjects</h2>	
<h3>Key Stage 1</h3>	
<b>Geography</b>	<p>Pupils should develop knowledge about the world, the United Kingdom and their locality. They should understand basic subject-specific vocabulary relating to human and physical geography and begin to use geographical skills, including first-hand observation, to enhance their locational awareness.</p> <p>Pupils should be taught to:</p> <p><b>Locational knowledge</b></p> <ul style="list-style-type: none"> <li>▪ name and locate the world's seven continents and five oceans</li> <li>▪ name, locate and identify characteristics of the four countries and capital cities of the United Kingdom and its surrounding seas</li> </ul> <p><b>Place knowledge</b></p> <ul style="list-style-type: none"> <li>▪ understand geographical similarities and differences through studying the human and physical geography of a small area of the United Kingdom, and of a small area in a contrasting non-European country</li> </ul> <p><b>Human and physical geography</b></p> <ul style="list-style-type: none"> <li>▪ identify seasonal and daily weather patterns in the United Kingdom and the location of hot and cold areas of the world in relation to the Equator and the North and South Poles</li> <li>▪ use basic geographical vocabulary to refer to: <ul style="list-style-type: none"> <li>▪ key physical features, including: beach, cliff, coast, forest, hill, mountain, sea, ocean, river, soil, valley, vegetation, season and weather</li> <li>▪ key human features, including: city, town, village, factory, farm, house, office, port, harbour and shop</li> </ul> </li> </ul> <p><b>Geographical skills and fieldwork</b></p> <ul style="list-style-type: none"> <li>▪ use world maps, atlases and globes to identify the United Kingdom and its countries, as well as the countries, continents and oceans studied at this key stage</li> <li>▪ use simple compass directions (North, South, East and West) and locational and directional language [for example, near and far; left and right], to describe the location of features and routes on a map</li> <li>▪ use aerial photographs and plan perspectives to recognise landmarks and basic human and physical features; devise a simple map; and use and construct basic symbols in a key</li> <li>▪ use simple fieldwork and observational skills to study the geography of their school and its grounds and the key human and physical features of its surrounding environment.</li> </ul>
<b>Art and Design</b>	<p>Pupils should be taught:</p> <ul style="list-style-type: none"> <li>▪ to use a range of materials creatively to design and make products</li> <li>▪ to use drawing, painting and sculpture to develop and share their ideas, experiences and imagination</li> <li>▪ to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space</li> </ul>

	<ul style="list-style-type: none"> <li>▪ about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.</li> </ul>
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National Curriculum Foundation Subjects	
Key Stage 1	
<b>Design and Technology</b>	<p>Through a variety of creative and practical activities, pupils should be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of relevant contexts [for example, the home and school, gardens and playgrounds, the local community, industry and the wider environment].</p> <p>When designing and making, pupils should be taught to:</p> <p><b>Design</b></p> <ul style="list-style-type: none"> <li>▪ design purposeful, functional, appealing products for themselves and other users based on design criteria</li> <li>▪ generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</li> </ul> <p><b>Make</b></p> <ul style="list-style-type: none"> <li>▪ select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing]</li> <li>▪ select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</li> </ul> <p><b>Evaluate</b></p> <ul style="list-style-type: none"> <li>▪ explore and evaluate a range of existing products</li> <li>▪ evaluate their ideas and products against design criteria</li> </ul> <p><b>Technical knowledge</b></p> <ul style="list-style-type: none"> <li>▪ build structures, exploring how they can be made stronger, stiffer and more stable</li> <li>▪ explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products.</li> </ul>
<b>Music</b>	<p>Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>▪ use their voices expressively and creatively by singing songs and speaking chants and rhymes</li> <li>▪ play tuned and untuned instruments musically</li> <li>▪ listen with concentration and understanding to a range of high-quality live and recorded music</li> <li>▪ experiment with, create, select and combine sounds using the inter-related dimensions of music.</li> </ul>