



**The London
Acorn School**

Curriculum Plan
Birch– Autumn 2

Programmes of Study

Year 3 **Birch** 'I am a useful member of my community' Term Autumn 2

Unit title : Useful and wise inventors

Literacy Genres

Persuasive leaflet/letters: *RSPB Charity Letter [Babcock]* (2 weeks)

Authors & Letters: *BFG, Roald Dahl* (3 weeks)

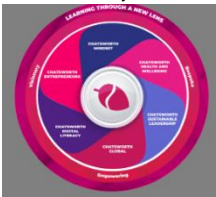
Explanations: *How Santa Really Works [Babcock] Alan Snow* (2 weeks)

Morning verse: 'The sun with loving light'

Reading Enhancements

The Story of Inventions-Anna Claybourne

Literacy



**Chatsworth
Entrepreneurs:**
useful and wise
inventions

Progression in Reading Comprehension
Vocabulary /Inference/ predict/ explain/ retrieve/
summarise

Grammar

To understand the need for grammatical agreement, matching verbs to nouns/pronouns, e.g. I am; the children are;
To use simple gender forms, e.g. his/her correctly;
To use standard forms of verbs in speaking and writing, e.g. catch/caught, see/saw, go/went and to use the past tense consistently for narration

Writing to entertain:

Stories (Including re-telling, personal experiences real & fictional)
Descriptions
Poetry
In character role (letter to recount / dairy entry)

Writing to inform:

Recount – First-hand experience

Maths

Multiplication and division


- key multiplication and division facts
- doubling and halving
- multiplication and division facts for the 5, 10, 2, 4 and 3 times-tables
- Word problems
- Derive division facts from known times tables
- Division with remainders

Measurement

- Telling the time with increasing accuracy; to the nearest five minutes on analogue and digital clocks
- Know and understand the calendar, incl days, weeks and months
- SI units and measurement of length and capacity
- Choose an appropriate instrument to measure a length and use a ruler to estimate, measure and draw to the nearest centimetre
- Know 1 litre = 1000ml
- estimate and measure capacity in millilitres

Geometry: properties of shapes

- Identifying, describing and sorting 3D shapes
- Properties of 3D shapes

	<p>Instructions – First-hand experience NCR – Information booklet Explanation – Observed process Letter</p> <p>Progression in Reading Comprehension Vocabulary /Inference/ predict/ explain/ retrieve/ summarise</p>		<p>Statistics</p> <p>Fractions, ratio and proportion</p> <ul style="list-style-type: none"> - Doubling and halving numbers up to 100 using partitioning - Understanding half and other unit fractions - understanding fractions and fractions of numbers
<p>Art</p>	<p>PAINTING – SILOUETTES AND WATER</p> <p>COLOUR (STONEHENGE)</p> <ul style="list-style-type: none"> • Know that silhouettes are created by light being blocked by an object • Create an outline to represent a silhouette through drawing and sketching • Explore why block colour is best used to represent a foreground • Know that tints and shades have the same base colour <p>Explore using watercolour in linear and concentric form to create an effect</p> <p>Form drawing: Forms that cross the middle line</p> <p>Making paper books</p>	<p>Humanities</p>	<p>Geography</p> <p>LOCATION</p> <ul style="list-style-type: none"> • Find out how a compass works • Name the eight points of a compass • Use the eight points of a compass to follow a bearing • Make a simple compass using magnets (science and D.T link).
<p>Relationships and Health</p>  <p>Chatsworth Heath and Wellbeing: Online Safety</p>	<p>ONLINE SAFETY</p> <ul style="list-style-type: none"> • Know what information is personal and should not be shared online. • Know the importance of being nice to people online, like you would be in the playground. • Know what is 'personal information' and the importance of keeping personal information private. • Know why it is not safe to share videos of yourself, wearing school uniform, on YouTube (giving away information about yourself) • Know why it is not ok for someone they don't know online (and offline) to ask you to send a 	<p>Forest School</p>	<p>Empathy and self-care : Story of Fog – friendship. Use soap from horse chestnut leaves, make shelters for animals – dead-hedges, hedgehog homes. Foraging for firewood. Carrying sticks safely. Practise safe fire technique, make Dragon Leaf spiral at equinox.</p>

	<p>photo of yourself? [No. This is personal information.</p> <ul style="list-style-type: none"> • Know the meaning of digital footprint / digital tattoo and that once a person posts something they lose control of it. It is not possible to stop it from being shown somewhere on the internet. • Know that you don't have to respond to people you don't know and that you can leave a game at any time if you don't feel safe or happy. <p>Resource: CEOP Clip https://www.youtube.com/watch?v=-nMUbHuffO8</p>		
<p>Design and technology / Woodwork</p>	<p>MECHANISMS</p> <ul style="list-style-type: none"> • Design and build an accessory that will help to keep a compass level when it is being used. • Use research and develop design criteria of innovative and functional bases • Generate, develop and model their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes and pattern pieces • Select from and use a wide range of tools and materials to perform practical tasks accurately • Explore whether the compass still works the same, or whether it behaves differently • Suggest alternative ways of making their product, if first attempts fail • Carry out appropriate tests before making any improvements <ul style="list-style-type: none"> • Present their product to an audience highlighting its functionality, design purpose and aesthetics. 	<p>Science</p>	<p>PHYSICS - FORCES AND MAGNETS • Know what a force is.</p> <ul style="list-style-type: none"> • Compare how things move on different surfaces. • Know and name a range of forces. • Know that magnets are a force that attract, repel and have two poles. • Know magnetic force acts at a distance. • Know that some materials are magnetic.
<p>Religious Studies</p>	<p>CHRISTIANITY</p> <ul style="list-style-type: none"> - Know the ways in which Advent, and Christmas are celebrated in this country, and in different parts of the world - Identify how the teachings of Jesus relate to being a good neighbour. - Know how and why Christians respond to the needs of others around the world. - Know what Christian values tell us about fairness. 	<p>PE</p>	<ul style="list-style-type: none"> - SWIMMING - To develop confidence in the water. To enter and leave the pool safely. Be able to answer questions about pool safety. Swims competently, confidently and proficiently over a distance of at least 10m. Begin to refine the technique of breaststroke and back stroke. Outcome: To swim a width unaided in recognisable stroke. - - FITNESS - Develop and improve physical activity for sustained periods of time. Learn skills to solve problems, individually and as part of a team. Increase and improve on longevity of physical activity.

French	To learn food items in French To describe food types using colours To express preferences about food types To learn about mealtimes in French To learn about Christmas in France To re-cap what has been learned	Music	<ul style="list-style-type: none">• Pupils will develop their performing, composing and listening skills• Pupils will learn about the interrelated dimensions of music• Pupils will use a range of classroom instruments to create and manipulate sounds, develop a strong sense of pulse and rhythm and establish good ensemble performance skills.• Pupils will sing a wide number of songs and develop their vocal range, intonation, articulation, blending and a joy for singing.• Pupils will learn to analyse music using age-appropriate musical vocabulary and to apply this knowledge in a musical context through solo and small group performance and composition activities.

Trips and or events
