

English	<p><u>The Last Bear by Hannah Gold</u> - During this unit the children will explore the characters and the setting of the book. Children will use this knowledge to successfully write a section of the story from April and the Bear's perception. The children will identify the features of a newspaper and will write a newspaper article based on climate change based from the novel.</p> <p><u>Comprehension</u> Children will also read and study a variety texts to build on comprehension skills. The skill the children will explore this term is 'inference skills,' The children will be finding clues in the text to help give them a greater understanding of the characters and what is happening in the text. They will also recap on retrieving information effectively from within the text and understanding what the question is looking for based on key words in the question.</p>
Maths	<p>Fractions, Decimals and Percentages - Children will be taught how to count up and down in hundredths. Children will also be taught how to add and subtract fractions with the same denominator and multiply fractions and mixed numbers by whole numbers. They will recognise, understand and write decimal and fraction equivalents, order fractions with different denominators and recognise mixed numbers and improper fractions and convert one to the other. Understand percentages and link to fractions and decimals.</p> <p>Statistics – Children will read and interpret a variety of graphs and timetables and use this information to create their own.</p> <p>Area & Perimeter – Children will measure the perimeter and area of rectangles, compound shapes and irregular shapes.</p>
Science	<p><u>Properties and Changes of Materials Continued from Autumn 2</u> Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets. Children will be taught that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.</p> <p>They will use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating. They will give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</p> <p>They will demonstrate that dissolving, mixing and changes of state are reversible changes. Children will explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.</p> <p>Out of this world (Space) – Children will be able to describe the movement of the moon relative to the Earth and describe the Sun, Earth and Moon as approximately spherical bodies. We will also use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.</p>

Art and Design	Drawing – Children will draw buildings using the skill of perspective. Children will look at vanishing points and draw from a one-point and two-point perspective.
Computing	<p>Online Safety</p> <ul style="list-style-type: none"> • Use technology safely, respectfully and responsibly; recognise acceptable and unacceptable behaviour; identify a range of ways to report concerns about content and contact. • Appreciate how results are selected and ranked, be discerning in evaluating digital content. <p>Coding – Children will be identifying different types of variables, learn what conditionals are and understand how variables are used in computer programming. Using simple algorithms to detect and correct errors in programs.</p>
Design and Technology	Mechanical Systems- Children will explore how pulleys and gears work and have the opportunity to make their own pulley and gear system.
History-	<p>Local Area Topic</p> <p>Dr William Henry Duncan- The children will explore Dr Duncan’s link between poor sanitary conditions and illness and researching the introduction of the first public health service in Liverpool, linking to today’s NHS.</p>
Geography	<p>Field study</p> <p>Throughout this unit the children will be using their map reading skills to create sketches, draw maps and use 6 figure grid references about the local area. The children will design and complete a survey about County Road and the businesses on the street.</p>
Spanish (Specialist Teacher)	Children will be taught Spanish by a fluent Spanish teacher. Children will learn to recognise the alphabet, numbers up to 1000 and vocabulary related to the weather. Children will also be taught vocabulary to describe their clothes and uniform and will learn to express opinions/likes and dislikes.
P.E.	<p>Swimming - Children will continue to develop their skills in the water. They will be learning stroke techniques and water safety.</p> <p>Gymnastics - children will perform a variety of sequences which will include a variety of rolls, balance, a variety of ways to travel. Children will perform their sequences individually and as part of a group.</p>
P.S.H.E. Personal, Social and Health Education	<p>Living in the Wider World</p> <p>Belonging to a community – Children will focus on protecting the environment and compassion towards others.</p>

Media Literacy and Digital Resilience- Children will look at how information online is targeted, different media types and their role and impact.

Money and Work – Children will identify their job interests and aspirations, what influences their career choices and workplace stereotypes.