

Little Chalfont Primary School
Plan of Work for the Spring Term 2019-20
For Year 5

<u>ENGLISH</u>	<u>MATHS</u>	<u>SCIENCE</u>
<p><u>Poetry</u> Is the moon tired? By Christina Rossetti Exploration of a metaphorical poem using personification, metaphor, rhyming couplets, colons and semicolons.</p> <p><u>Non Fiction</u> Ruby Bridges biography Following the life of Ruby Bridges, the first black child in America to attend a white school, during the oppressive rule of segregation in 1950s Louisiana. Key features include: topic sentences, embedded clauses, relative clauses, subordinating conjunctions, fronted adverbials.</p> <p><u>Fiction</u> Alien Landing Short narrative linked to Area 51, America. This unit will include using the following key features effectively: subordinate clauses, including embedded and relative, fronted adverbials, expanded noun phrases and semi colons.</p>	<p><u>Multiplication and Division</u> Multiply and divide numbers mentally, drawing upon known facts. Learn the formal written methods of long multiplication and short division, including interpreting remainders in division appropriately. Solve problems using the 4 operations.</p> <p><u>Fractions</u> Compare and order fractions whose denominators are multiples of the same number. Identify and write equivalent fractions. Recognise mixed number and improper fractions and convert fractions between the two. Add and subtract fractions with the same denominator and denominators that are multiples of the same number. Multiply proper and mixed number by whole numbers. Write decimal numbers as fractions.</p> <p><u>Decimals and Percentages</u> Read, write, order and compare numbers with up to 3 decimal places. Round decimals with 2 decimal places. Recognise and understand the percent symbol (%). Solve problems which require knowing decimal and percentage equivalents.</p> <p><u>Perimeter and Area</u> Calculate the perimeter of composite rectilinear shapes. Calculate and compare the area of rectangles and irregular shapes.</p>	<p><u>Earth and Space</u> Earth, sun and moon We will learn that the Earth, Sun and Moon are spherical objects and understand how we know this. We will learn about the rotation of the Earth and how this changes day to night and changes shadows throughout the day. We will learn the order of the planets in our solar system and question how we know so much about space. Properties and changes of materials We will be learning that water exists as solid, liquid and gas in everyday conditions. We will investigate the properties of these different states of matter and how they change from one to the other. We will consider irreversible and reversible changes.</p>
<u>MUSIC</u>	<u>R.E.</u>	<u>PSHE</u>
<p><u>Digital Music</u> Using garage band, the children will be developing their understanding of rhythm and tempo. This unit will also involve layering sound and producing a 4-track piece of music.</p>	<p><u>Religious Communities</u> We will be learning about significant places of worship for Christians and Muslims and reflect on the feelings and beliefs associated with religious buildings.</p>	<p><u>Growth Mindset</u> Following PSHE Association guidance studying relationships, self-image and confidence.</p>

<u>COMPUTING</u>	<u>TOPIC</u>	<u>P.E./ GAMES</u>
<p><u>Geometric Art</u> We will create tessellating patterns using overlapping shapes, repetition and tile cloning tools in a program to create geometric art. We will use blocks of scripts to create complex geometric figures on scratch.</p> <p><u>Developing Interactive Games</u> We will create an original game using scratch, moving and editing blocks as part of an algorithm. We will program an algorithm as a sequence of game instructions with actions, consequences and additional features, as well as designing characters and backdrops.</p> <p><u>E-Safety</u> Pupils will learn what spam is and identify strategies to deal with it. They will learn about the importance of citing references when they research.</p>	<p><u>North America</u> We will study the key geographical features – both physical and human –of the USA whilst exploring politics, economics and tourism.</p> <p><u>Natural Disasters</u> We will begin this topic towards the end of the term. We will focus our learning on the formation of earthquakes and volcanoes, also studying a significant case study for each natural disaster. We will look at the impact of the physical environment on people’s lives in these areas, thinking about why people may choose to live in areas of danger.</p>	<p><u>Football</u> Key skills and tactics, including dribbling, defending and attacking.</p> <p><u>Basketball</u> Key skills and tactics, including dribbling, defending and attacking.</p>
<p><u>ART</u></p> <p><u>Native American Portraits</u> The children will study the work of John Nieto to inspire them to create a portrait of a Native American using fauvist colours. They will use a contrast of charcoal and oil pastels.</p> <p><u>Volcano paintings in contrasting styles using different mediums</u> We will study four different artists who have created paintings of volcanoes and recreate these to compare techniques and mediums used.</p>	<p><u>D.T.</u></p> <p><u>Introduction to applied art</u> Artworks based on North American Indian beadwork, then used in applied settings, such as book covers, placemats or reusable food covers.</p> <p><i>Mrs Nowlan</i></p> <p><u>Cooking</u> The children will be cooking spaghetti carbonara - a vegetarian version will also be available.</p>	<p><u>FRENCH</u></p> <p>This term in French, we will be covering the topics of physical descriptions of appearance (hair, eyes, height etc),telling the time (analogue and 24 hour clock),carnival, lent and Easter in France.</p> <p>We work within the National Curriculum skill areas of speaking, listening, reading and writing.</p> <p><i>Mrs Worthington</i></p>