



Key Knowledge and Skills
Year 5 Spring 1

This half term in year 5, we will be reading *The Last Bear* by Hannah Gold.



Key knowledge and skills	Key vocabulary
<p>Science:</p> <p>Materials have different uses depending on their properties and state (liquid, solid, gas). Properties include electrical and thermal conductivity. Some changes to materials such as dissolving, mixing and changes of state are reversible, but some changes such as burning wood, rusting and mixing vinegar with bicarbonate of soda result in the formation of new materials and these are not reversible.</p>	<p>Thermal/electrical insulator/conductor, change of state, reversible/non-reversible change, burning, rusting, new material</p>
<p>Computing:</p> <p>To use inputs from the accelerometer to execute programs.</p> <p>To incorporate conditional logic in programs using IF/THEN coding structures.</p> <p>To use the sensors of the micro:bit to set the values of variables and trigger action in the programs.</p> <p>To use the micro:bit to create simulations.</p> <p>To create devices that give input to the micro:bit via the pins</p>	<p>Input Data Gesture LED If/Then</p>
<p>Geography:</p> <p>Lines of latitude and longitude are measured in degrees and they are used to describe locations.</p> <p>Lines of latitude are measured in degrees north and south of the Equator.</p> <p>The Equator splits the world into the Northern and Southern hemisphere.</p> <p>The Tropics of Cancer and Capricorn are lines of latitude.</p>	<p>Latitude Longitude Tropic of Cancer Tropic of Capricorn Northern Hemisphere Southern Hemisphere</p>
<p>Art:</p> <p>To use different techniques such as shading to create mood and feeling.</p> <p>A composition is the arrangement of the different parts of a picture.</p> <p>Tonal contrast is the difference between tones.</p>	<p>Shading Mood/ feeling Composition Shading Cross hatching Stippling Circling Blending</p>



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	Tonal contrast
<p>R.E.: Salvation is the core of Christian belief. Salvation is the act of being forgiven of sins. Holy Communion is a ceremony of remembrance of the Last Supper. Bread and wine represent Jesus' body and blood.</p>	Salvation Holy communion Gospel
<p>French: To say I have in French we use part of the verb to have (avoir) "J'ai..." To say I haven't in French we add 'n' and pas. 'Je n'ai pas'. Sound spellings: ez ai C'est</p>	Une pomme- apple Un oignon- onion Une mangue- mango Une poivron- pepper Une grappe de raisin - a bunch of grapes. Une pastèque- a watermelon Une banane- a banana Une salade- lettuce Une carotte- a carrot Une pomme de terre -a potato.
<p>Music: A vocal composition is a piece of music created only using voices. Varying effects can be created using only your voice, for example by changing the pitch, dynamic or tempo of the sound made. Human voices have their own individual timbre, and that this can be adapted by using the voice in different ways. The duration of a note or phrase in music can be shown using a repeated symbol or the size of a symbol on a graphic score.</p>	Synaesthesia Dynamics Holi Graphic score Vocal composition Performance
<p>P.E. Gymnastics & Hockey</p>	

Key dates and other information:

Theatre Visit - The Three Musketeers - 23.1.25