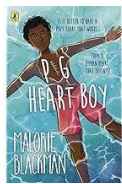




Key Knowledge and Skills Year 5 & Year 6 Spring 1



This half term in year 5 and year 6, we will be reading *Pig Heart Boy* by Malorie Blackman. This will link to our science topic of the circulatory system where we will focus on how the heart works. We will use this learning to write formal letters and explanation texts.

Key knowledge and skills	Key vocabulary
<p><u>Science</u></p> <p>We will be learning about the circulatory system this half term.</p> <p>The heart pumps blood in the blood vessels around to the lungs.</p> <p>Oxygen goes into the blood and carbon dioxide is removed.</p> <p>Nutrients, water and oxygen are transported in the blood to muscles and other parts of the body where needed.</p> <p>Diet, exercise, drugs and lifestyle have an impact on the way our bodies work, including how well our hearts and lungs work.</p>	<p>pulse</p> <p>heart rate</p> <p>blood vessels</p> <p>oxygen</p> <p>carbon dioxide</p> <p>circulatory system</p> <p>valves</p>
<p><u>Computing</u></p> <p>This half term, we will be learning about spreadsheets.</p> <p>A spreadsheet is an electronic document in which data is arranged in rows and columns of a grid and can be manipulated and used in calculations.</p> <p>A formula is a group of letters, numbers or other symbols which represent a scientific or mathematical rule.</p> <p>The plural of formula is formulae.</p> <p>You can show data in different forms including graphs and pie charts.</p>	<p>spreadsheet</p> <p>rows</p> <p>columns</p> <p>data</p> <p>graphs</p> <p>formula</p> <p>formula cell</p>
<p><u>Music</u></p> <p>This half term will be focused on creating our own compositions to be part of as sound track to <i>Wallace and Gromit – A Close Shave</i>.</p> <p>A film soundtrack includes the background music and any songs in a film.</p> <p>Major key signature use note pitches that sound cheerful and upbeat.</p> <p>Minor key signature use note pitches that can suggest sadness and tension.</p> <p>Graphic notation means writing music down using your choice of pictures and symbols.</p> <p>Staff notation means music written more formally on the special lines called staves.</p>	<p>accelerando</p> <p>crescendo</p> <p>dynamics</p> <p>major</p> <p>minor</p> <p>pitch</p> <p>texture</p> <p>unison</p>
<p><u>R.E.</u></p> <p>Our enquiry question is 'How does being a Hindu affect what a person does?'</p> <p>Hindus worship in a mandir.</p> <p>Hindus believe in and worship many different gods. They will worship gods linked to what their need is e.g. wealth, healing, friendship, hope).</p> <p>Hindus celebrate Diwali (the Festival of Light) and Holi (the Festival of Colour).</p> <p>Many Hindus are vegetarians as they believe Brahman is in all living things.</p> <p>Hindus believe in reincarnation.</p>	<p>Mandir</p> <p>Puja</p> <p>Diwali</p> <p>Holi</p> <p>Rama and Sita</p> <p>reincarnation</p> <p>Brahman</p>
<p><u>P.S.H.C.E</u></p> <p>This half term, we will be focusing on money and the risks involved.</p> <p>We will also be exploring a No Outsiders text called 'The Island' by Armin Greder.</p>	<p>fraud</p> <p>betting</p> <p>security</p>



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<p>Fraud is when someone tricks someone in order for them to gain money. Money can be kept safe in bank accounts which require PIN, verification or signatures to access the money. Money can be invested yet this needs to be into a stable and reliable source.</p>			<p>accounts verification savings investments pickpockets</p>
<p>Art Our unit this half term is painting. We will work towards our own compositions based on the poem by William Wordsworth 'I Wandered Lonely As A Cloud'. Different effects and textures can be created using techniques such as dry brushing, glazing, stippling, pouring, splattering. Different tints and shades can be created by mixing colours.</p>			<p>effects texture lighter darker tints shades stippling</p>
<p>French We will be learning about sports. Understand and remember some sport nouns Talk about sports we like and dislike Create extended sentences about sports Identify parts of the verb 'jouer' (to play) Describe a sport using simple sentences</p>	<p>le cricket - cricket le tennis - tennis le foot - football le basket- basketball la danse - dance la gymnastique - gymnastics le rugby - rugby la natation - swimming le cyclisme - cycling</p>	<p>rapide - fast ennuyeux - boring amusant - fun difficile - difficult calme - calm/gentle fatigant - tiring génial - great un challenge - challenging nul - rubbish cool - cool</p>	

Other information:

- P.E. kits should be kept in school every day. Children should have blue/black shorts and a white t-shirt AND blue/black joggers or leggings too now that the weather is colder.
- Homework is now set online. Log ins are in your child's reading diary. If you have any difficulties or are unable to access it, please contact the year 5 and 6 team. Please ensure children continue to read at least 4 times each week.
- We will be visiting the New Vic Theatre on Thursday 15th January to watch 'The Little Mermaid'. We will be completing some work based on the story at the start of this half term.
- We will be dissecting hearts to consolidate our learning about the heart.
- Year 6 will have a parents' evening this half term. This is just for year 6 children so discussions can take place before SATs in May. All year 5 children will have their parents' evening later on in the summer term.

Many thanks

Year 5 and 6 team