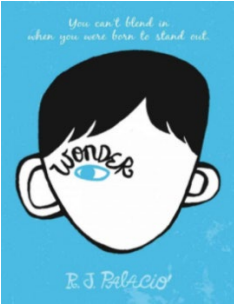




Topic:	What makes me, me?
Main Subject	Science
Linked Subjects	Art - Self Portraits, Pablo Picasso Science - Animals including humans PSHE - Living in the wider world English- Narrative, explanation text, instructions.
NC objective	Pupils should be taught to: *identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood *recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function *describe the ways in which nutrients and water are transported within animals, including humans
Main subject key knowledge and skills	Scientific knowledge I can identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. I can recognise the impact of diet, exercise, drugs and lifestyle on the way the body functions. I can describe the ways in which nutrients and water are transported within animals, including humans. Scientific enquiry I can record complex data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. I can use scientific language and ideas to explain, evaluate and communicate my methods and findings. I can use test results to make predictions to set up further comparative and fair tests.
Linked subject key knowledge and skills	<u>Art</u> I can experiment with wet media to make marks, lines, patterns, textures and shapes - ink, paint, watercolour pencils. I can produce accurate drawings from observation and use tonal contrast in drawings. I can use mixed media in artworks using a combination of areas taught - print, ink, paint, fabric, collage etc - use pattern and texture. I can develop an awareness of composition, scale and proportion, foreground, middle ground and background. <u>PSHE</u> I can discuss what affects mental health and ways to take care of ourselves. I discuss how to manage change, loss and bereavement and time online. I can discuss what affects mental health and ways to take care. I can discuss how to keep myself safe. I can understand what drugs are and why people use them. I can explain what it means to be part of a community. I can understand how things can be risky and what to do if faced with a risky situation. I can explain gambling and risks taken when gambling.
Discrete Subjects	PE - Dadminton/dodgeball French - Healthy lifestyle

Supporting Texts	
Main Writing Genre	Narrative (2 weeks) Explanation Text (2 weeks) Instructions (1 week)
Enrichment	Royal Institution visit (Science)
Weekly overview	<p>WK1 WRITING Narrative story.</p> <p>SCIENCE - ANIMALS INCLUDING HUMANS I can identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. I can describe the ways in which nutrients and water are transported within animals, including humans. I can record complex data and results using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs. I can use scientific language and ideas to explain, evaluate and communicate my methods and findings.</p> <p>MATHS Area, Perimeter and Volume</p> <p>READING Wonder and test practice/comprehension</p> <hr/> <p>WK2 WRITING Narrative story</p> <p>SCIENCE I can recognise the impact of diet, exercise, drugs and lifestyle on the way the body functions. I can use test results to make predictions to set up further comparative and fair tests.</p> <p>MATHS Area, Perimeter and Volume</p> <p>READING Wonder and test practice/comprehension</p> <hr/> <p>WK3 WRITING - Explanation text</p> <p>MATHS Statistics</p>

	<p>READING Wonder and test practice/comprehension</p> <p>ART TLC: Can I research the work of an artist? TLC: Can I imitate Picasso's style to create my own drawing? TLC: Do I know that art can be abstract and understand what message the artist is conveying? TLC: Can I explain the style of my work and how it has been influenced? TLC: Do I know what the artist is trying to achieve in any given situation? TLC: Can I use images which I have created and alter them to create art?</p>
	<p>WK4 WRITING- Explanation text</p> <p>MATHS Shape</p> <p>READING Wonder and test practice/comprehension</p> <p>PSHE Living in the wider world - To learn how stereotypes can influence behaviours and attitudes towards different groups of people - how attitudes and opinions can sometimes be influenced by being exposed to prejudiced or extreme views - how to resist and challenge those viewpoints - To learn about what images are appropriate to share online, and those that should not be shared - To learn about the impact of money on emotional wellbeing</p>
	<p>WK5 - Mock SATs week</p>
	<p>WK6</p> <p>WRITING Instructions</p> <p>MATHS Shape/ Statistics</p> <p>READING Wonder and test practice/comprehension</p> <p>PSHE Living in the wider world - To learn about the impact of loss and bereavement and strategies for dealing with grief. - To learn about the feelings pupils might experience when moving to secondary school, and ways of managing these feelings. - TLC: Can I understand what drugs are and why people use them?</p>
<p>Reflection of Learning</p>	<ul style="list-style-type: none"> * Kahoot quiz * Drama/hot-seating (PSHE) * presentation/poster

	*knowledge organiser
Sticky Knowledge	<p>The heart pumps blood in the blood vessels around to the lungs. Oxygen goes into the blood and carbon dioxide is removed. The blood goes back to the heart and is then pumped around the body. Nutrients, water and oxygen are transported in the blood to the muscles and other parts of the body where they are needed. As they are used, they produce carbon dioxide and other waste products. Carbon dioxide is carried by the blood back to the heart and then the cycle starts again as it is transported back to the lungs to be removed from the body. This is the human circulatory system.</p> <p>Diet, exercise, drugs and lifestyle have an impact on the way our bodies function. They can affect how well our heart and lungs work, how likely we are to suffer from conditions such as diabetes, how clearly we think, and generally how fit and well we feel. Some conditions are caused by deficiencies in our diet e.g. lack of vitamins.</p>
British values/citizenship	<p>Tolerance - Wonder Respect - PSHE and Wonder Rule of law - PSHE</p>
Computing Links	Kahoot
Outdoor learning	Science circulatory system
Home learning	* knowledge mats