



# Doctor Doctor!



<b>Phase:</b> Year 3/4	<b>Term:</b> Spring 1	<b>Duration:</b> 6 weeks
<b>Learning Button Focus:</b> Team Builders		
<p><b>Rationale:</b> Following the hook, the children will learn all about the human body whilst taking part in a range of thinking-led activities during science lessons. They will undertake a range of investigations carefully considering what makes a fair test. There will be a series of professionals from across the medical world visiting the children as mini hooks throughout the project and children will be encouraged to think of big questions whilst discovering fascinating human body facts. During English lessons, the children will write a series of informal and formal information texts as well as a narrative about a journey through the digestive system. To develop the children's understanding of the circulatory system, they will work in teams to create an aerobic routine which includes a warm up and cool down. Towards the end of the project, the children will choose an area to specialise in. They will become experts in this field and will prepare to 'treat' patients at the Rownhams Health Clinic.</p>		
<p><b>Hook:</b> Children will read a newspaper cutting about the local doctors' surgery stating that patient waiting times are too long and they are unable to cope with demand. Therefore, the children need to educate people in the local area to help them stay fit and healthy. The children will then take part in a range of mini activities e.g. first aid and handwashing.</p>		
<p><b>Outcome:</b> Children are to become doctors and hold an open clinic to advise parents on how to live a healthier and more active lifestyle. They will be inspired and take on the roles of a dentist, radiographer, cardiologist/fitness expert or dietician.</p>		
<b>Science</b>	<b>English</b>	<b>PE</b>
<ul style="list-style-type: none"> <li>● Design an enquiry to demonstrate the effect of drinks on teeth and bones demonstrating their understanding of how to structure a fair test.</li> <li>● Compare animal and human skeletons naming the different roles of bones and muscles.</li> <li>● Ask relevant questions about the digestive system and create a working model choosing materials that suit the different organs.</li> <li>● Identify that animals, including humans, need the right types and amount of nutrition identifying what makes a balanced diet.</li> <li>● Describe how the blood circulates around the body taking on the role of red and blue blood cells.</li> </ul>	<ul style="list-style-type: none"> <li>● Read a range of fact files highlighting the key features and their effect on the reader.</li> <li>● Write human body information pages considering the layout, audience and presentation carefully in order to engage the reader.</li> <li>● Write a story about the digestive system using a range of subordinate clauses which are punctuated correctly with a comma.</li> <li>● Understand the role of an apostrophe and use it correctly when writing for both possession and omission.</li> <li>● Edit spelling within pieces of writing to ensure that the correct suffixes and prefixes have been used.</li> </ul>	<ul style="list-style-type: none"> <li>● Devise a circuit session developing flexibility, strength or technique.</li> <li>● Compare their performances with previous ones identifying their personal best.</li> <li>● Take part in aerobics sessions, reflecting on the impact this has on the body and mind.</li> </ul>
<p><b>Discrete Subject(s):</b>  <b>Maths</b> – Multiplication, Division and Fractions  <b>PSHE</b> – The importance of keeping our bodies clean.  <b>Tuesday PE</b> – Team Games</p>		<p><b>Computing:</b> Links will be made between the IT system used around school to how the body works through messages passed along a route – our IT providers will support us with this.</p>
<p><b>Trips, opportunities and experiences:</b>  A range of professionals from across the medical world will come in to talk to the children about their roles.</p>	<p><b>Home learning:</b>  See separate sheet</p>	<p><b>Religious Education:</b>  Concept – Good and Evil  Big Q – What is the significance of Holi in Hinduism?</p>