

Title Bottoms, Burps and Bile	Project overview	Hook	Text(s)	Maths overview
Year group 4	Children will gain an understanding of some internal organs, teeth, and their functions. They will also expand on their knowledge of how producers, predators, and prey fit into the food chain.	Make the digestive system out of play dough	The Smiling Princes Human Body non-fiction Literacy - Voyage and return story	Decimals Money Statistics Times tables
Driving question Humans are top of the food chain, right?	Key Vocabulary Digestion, stomach, acid, incisor, molar, premolar, canine, food chain, producer, prey, predator, oesophagus	Intended outcome Doctors surgery and animal clinic in the classroom to share with parents.	Guided reading - Finishing How to Train Your Dragon and starting The Firework Makers Daughter by Philip Pullman. Resources -Playdough -Tights, crackers, orange juice, water, bowls, scissors, sealable plastic bags -Small pots with lids Alka Seltza	Areas of learning (subjects) Science Maths DT/Art
How does learning build on prior understanding? Other year groups and other learning?	Content What will we learn?	Creativity How will we show our learning in different ways?	Ethos How does the project embed our values?	How will this project prepare for future learning?

<p>Y2 - Under the sea - learning about animals and underwater habitats.</p> <p>Y3 - Learning about animals and humans needing the right type and amount of nutrition, and that they cannot make their own food as they get nutrition from what they eat. Recap of skeletons leading into internal systems.</p>	<ul style="list-style-type: none"> - Different parts of the human digestive system and how it functions - Different types of teeth and their functions. - Things that damage healthy teeth - Food chains exploring prey, predators, and producers. 	<p>Science - Represent the digestive system using different materials.</p> <p>Art - Painting still life to represent healthy choices for our teeth. Sketching teeth painting in the style of Paul Cezanne.</p> <p>DT - Designing and making a healthy diet using three items of food.</p> <p>ICT - Create and send an email to a veterinary surgery asking for advice to keep a pet healthy. Children will learn all the features to include in an email.</p> <p>Music - Using musical vocabulary to describe music such as duration, timbre, pitch, tempo, texture, rhythm, and melody.</p> <p>Geography - exploring similarities and differences through physical geography linked to animal habitats and their food chains.</p>	<p>Responsible - recognizing the importance of looking after ourselves through making healthy choices.</p> <p>Resilient - to learning new and more challenging vocabulary and learning more complex concepts when learning about digestion.</p> <p>Community - Understanding our responsibility to protect the earth so animals have sources of food to survive. Understanding how to maintain a balanced diet to keep ourselves and others healthy.</p>	<p>Y4 - Links to their knowledge of animals (predators and prey) covered in the Fantastic Beasts topic.</p> <p>Y5 - Poisonous Plastics - Understanding the natural environment and how to protect it so animals are able to survive.</p> <p>Y6 - Links directly when they investigate the ways in which nutrients and water are transported within animals, including humans</p> <p>Y6 - Knowledge of internal systems within the human body is built upon in Y6 with the heart and circulatory system.</p>
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