

Science Skills Unit: Human Body Systems		Year: 2
Science Skills Unit Overview		
<ul style="list-style-type: none"> • Pupils will identify several body systems, including the skeletal, muscular, respiratory, circulatory, and nervous systems. • Pupils will explore the different organs that are part of each system. • Pupils will also investigate how these systems work in their own bodies. 		
Key Vocabulary		
Body, backbend, flexible, gymnast, handstand, gymnastics Bend, bone, joint, movement, skeleton, skull, stiff Organs, rib, skeletal system, system Heart, muscles, contract, flex, muscular system, relax, skeletal muscles, stretch Air, breathe, lungs, nose, throat, windpipe, diaphragm, exhale, inhale, respiratory system Blood, blood vessels, heart, heartbeat, artery, circulatory system, pulse, vein Brain, nerves, spinal cord, spine, control, nervous system Athlete, fitness, vaccine, virus, exercise physiologist, physical therapist, sports physiologist		
Further reading list		
<i>(Reading these commercial texts would support and enhance learning in this domain.)</i>		
<ul style="list-style-type: none"> • Your Heart and Lungs (Science in Action) by Sally Hewitt • Look Out! How We Use Our Five Senses! By Leon Read and Sean Sims • Little Explorers: My Amazing Body by Ruth Martin • Funnybones by Janet & Allan Ahlberg 		
Independent Learning Project		
<i>Pupils are asked to complete at least one independent learning project at home during the Science Skills Unit.</i>		
<i>Some suggestions are below.</i>		
Write some facts about yourself. What do you like to do? What colour are your eyes/hair?	Find out about the Human Body on BBC Bitesize https://www.bbc.co.uk/bitesize/topics/z9yycdm	Measure yourself and your family. Who is the tallest and who is the shortest?
Research interesting facts about your body – make a poster or information booklet.	Ask your family and friends what their eye colour is and make a tally chart. What is the most and least popular colour?	Create a 2D or 3D portrait of yourself out of paper, paint, playdoh, Lego or another interesting material.
Learn about healthy food and design or cook a delicious healthy meal.	Take part in a physical activity. Think about how your muscles work and how you feel after you have done some exercise.	Create a poster reminding other children of why it is important to keep healthy.
Can you make a human skeleton? You could use chalk, pasta, draw out the bones and use split pins or design one on the computer.	Make a self-portrait of your face or whole body – can you label all the parts as well as detail what your hair colour, eye colour, shape of your eyes, nose, ears, mouth are?	Use your five senses (smell, taste, touch, hear and see) to explore your home/garden. What can you identify using these senses? Create a chart or draw a poster to show your discovery.