



St Modwen's Science Curriculum Map

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	<p>The human body</p> <p>Enquiry: Do the oldest children have the longest feet?</p> <p>Seasonal changes - (autumn)</p>	<p>Animal needs for survival</p> <p>Enquiry: How can animals be grouped based on their needs for survival?</p> <p>Scientist: Louis Pasteur</p>	<p>Animal including humans</p> <p>Enquiry: How can we group and sort animals based on their skeletons?</p>	<p>Group and classify living things</p> <p>Enquiry: How can living things be grouped and classified?</p> <p>Scientist: Jacques Cousteau</p>	<p>Properties and changes of materials</p> <p>Enquiry: Which material is the best insulator for heat?</p>	<p>Living things and their habitats</p> <p>Enquiry: How can animals, plants and microorganisms be identified, grouped and classified?</p>
Autumn 2	<p>Materials</p> <p>Enquiry: Which material would be best for Guy Fawkes' boat?</p> <p>Scientist: John Dunlop</p> <p>Seasonal changes—(winter)</p>	<p>Humans</p> <p>Materials</p> <p>Enquiry: What materials would make a good raincoat?</p>	<p>Skeletons/nutrition and diet</p> <p>Enquiry: What is a balanced diet and why is it so important?</p> <p>Scientist: Sina Avicenna</p>	<p>States of matter</p> <p>Enquiry: How does the temperature of the water affect the time it takes for ice to melt</p> <p>Scientist: Daniel Gabriel Fahrenheit</p>	<p>Properties and changes of materials</p> <p>Enquiry: Can I make a gas using a solid and a liquid?</p>	<p>Animals including humans</p> <p>The circulatory system</p> <p>Diet, drugs and lifestyle</p> <p>Enquiry: Are all animal hearts the same?</p> <p>Scientist: Alexander Flemming</p>
Spring 1	<p>Animals</p> <p>Enquiry: Are all animals the same?</p> <p>Scientist: Jane Goodall</p>	<p>Plants (light and dark)</p> <p>Enquiry: What effects a plants growth?</p>	<p>Rocks</p> <p>Fossils and soils</p> <p>Enquiry: How can we group rocks based on their properties?</p> <p>Scientist: Mary Anning</p>	<p>Electricity and Sound</p> <p>Enquiry: What materials are conductors or insulators of electricity and is there a pattern?</p>	<p>Forces</p> <p>Enquiry: Does the surface area of a parachute affect how long it takes for it to fall to the ground?</p> <p>Scientist: Albert Einstein</p>	<p>Electricity and light</p> <p>Enquiry: How does the voltage in a circuit affect the loudness of a buzzer?</p>
Spring 2	<p>Caring for the planet</p> <p>CIA link</p> <p>Enquiry: How much rainfall is there during spring?</p> <p>Seasonal change (Spring)</p>	<p>Living things and their habitats</p> <p>Enquiry: Do all creatures on planet earth have the same habitat?</p> <p>Scientist: David Attenborough</p>	<p>Light</p> <p>Enquiry: How does the distance between the light source and the object affect the size of a shadow?</p>	<p>Enquiry: How does the distance from the sound source affect the volume of the sound</p> <p>Scientist: James West</p>	<p>Earth and Space</p> <p>Enquiry: How have ideas about the solar system changed over time?</p> <p>Scientist: Mae C Jemison</p>	<p>Electricity and light</p> <p>Enquiry: How does the distance from a light source affect the size of the shadow?</p> <p>Scientist study: Thomas Edison</p>
Summer 1	<p>Plants</p> <p>Enquiry: How can we sort plants into different group?</p> <p>Scientist: Beatrix Potter</p>	<p>Plants (bulbs and seeds)</p> <p>Enquiry how do bulbs and seeds change over time?</p>	<p>Plants</p> <p>Enquiry: How is water transported in a plant?</p>	<p>Animals, including humans</p> <p>Enquiry: Where does our food go?</p>	<p>Animals including humans</p> <p>Enquiry: Are there patterns linking gestation periods and their life spans?</p> <p>Scientist: Professor Sarah Gilbert</p>	<p>Evolution and Inheritance</p> <p>Enquiry: Is the type of food a bird eats related to the shape of its beak?</p>
Summer 2	<p>Growing and cooking</p> <p>CIA link</p> <p>Enquiry: Is the weather the same all year round?</p> <p>Seasonal change (summer)</p>	<p>Growing up</p> <p>Enquiry: Are there patterns between the life cycles of different animals?</p> <p>Wildlife</p>	<p>Forces and magnets</p> <p>Enquiry: How does the material on a ramp effect how a car travels?</p> <p>Scientist: Leonarda da Vinci</p>	<p>Habitats, the digestive system, food chains and teeth</p> <p>Enquiry: How does what we eat effect our teeth?</p>	<p>Living things and their habitats</p> <p>Enquiry: What are the similarities and differences between animal life cycles?</p>	<p>Evolution and Inheritance</p> <p>Enquiry: Guess Who. Can I tell what has been inherited?</p> <p>Scientist study: Charles Darwin</p>