

Coulsdon CofE Primary School

Together growing in mind, body and spirit

2020-2021 Curriculum Map Lower KS2

	Year 3	Year 4
Autumn 1	<p>Scrumdiddlyumptious – Design and Technology focus</p>  <p>Children explore the tasty world of food, developing their knowledge of food groups, food origins, healthy eating and physical changes during cooking.</p> <p>Science: Which is the juiciest fruit?</p>  <p>Children examine fruit and vegetables to find out how much water they contain.</p> <p>Working Scientifically, Animals including humans</p>	<p>I am a Warrior – History focus</p>  <p>Develop the children's knowledge of the Romans and Celts. Children learn about and compare the two cultures and warfare tactics, understand chronology, and study key individuals.</p> <p>Science: Did the Romans use toilet roll?</p>  <p>Children learn about Roman toilets and investigate the effectiveness of a range of Roman alternatives to toilet roll.</p> <p>Working Scientifically</p>

Autumn 2

Predator – Science Focus



Develop children's knowledge of predatory animals, plants, food chains, habitats and learn the key parts and functions of animals and plants.

Science: What are flowers for?



Children dissect a plant's flower to identify its main parts and learn what they are for.

Working Scientifically / Animals including humans / Plants / Rocks

Misty Mountain – Sierra - Geography focus



Teach children about the human and physical features of mountain environments, developing their knowledge of mountain formation, settlement, climate zones and the water cycle.

Science: Can worms sense danger?



Children prepare compost samples to investigate whether earthworms can sense the presence of potentially harmful garden chemicals.

Working Scientifically / Plants / States of matters / Living things and their habitats / Animals including humans

Flow – Geography Focus



Teach children about local and world rivers developing their knowledge of river locations, river formation, the water cycle and how to conduct accurate fieldwork.

Science: How fast does water flow?



Children investigate the flow of water in rivers and how its speed varies across its width.

Working Scientifically / Rocks

Burps, Bottoms and Bile – Science focus



Develop children’s knowledge of the digestive system. Children learn about teeth, bodily functions, healthy eating and, of course, poo.

Science: How do smells get up your nose?



Children investigate how a gas travels through the air to reach our noses.

Working Scientifically / Animals including humans / States of matter

Spring 2

Gods and Mortals – History focus



Develop children's knowledge of the ancient Greeks. Children learn how and when the ancient Greek civilisation flourished, and understand their culture, armies and heroes.

Science: Why did Icarus fall from the sky?



Children investigate how candle wax changes when it heats up, cools, freezes and gets wet. They look at how these changes contributed to the mythical character Icarus's fall from the sky.

Working Scientifically / Evolution and Inheritance

Road Trip USA – Geography Focus



Teach children about the United States, past and present, developing children's knowledge of Native American culture, map reading, and the physical and human features of key locations in the United States.

Science: What conducts electricity?



Children make a circuit using different materials to test how well they conduct an electric current.

Working Scientifically / Living things and their habitats / Electricity

Urban Pioneers – Art and Design focus



Explore the culture and environment of city life. Children develop their knowledge of building design, urban art and photography, and learn how to improve urban environments.

Science: Why do cat's eyes glow at night?



Children investigate the reflective properties of materials and find out why cat's eyes glow at night.

Working Scientifically / Light

1066- History focus



Develop children's knowledge of the Norman invasion and settlement. Children learn about the Battle of Hastings, key dates and events, Norman culture, the feudal system and the Domesday Book.

Science: How far can an arrow travel?



Children start by making their own bows and arrows. They then investigate how the distance that the arrow travels is affected by the distance they pull back the bowstring.

Science: Can we block sound



Children test different materials to see how well they block sound.

Working Scientifically / Sound

Summer 2

Tribal Tales – History focus



Develop children's knowledge of prehistoric times. Children learn how early human culture and land use developed during the Stone Age, Bronze Age and Iron Age.

Science: Do plants have legs?



Children collect, sort, group and grow different types of seed to find out how plants 'travel' and grow in different places through seed dispersal.

Science: Working Scientifically / Light / Forces and magnets / Plants / Rocks

Potions – Science focus



Develop children's knowledge of the properties of materials. Children learn the properties of solids, liquids and gases, recognise hazardous materials and learn how and why medicines, such as anaesthetics, were developed.

Science: Are all liquids runny?



Children investigate the properties of liquids and how they can have different viscosities.

Working Scientifically / Substance, matter and materials