

Coulsdon CofE Primary School

Together growing in mind, body and spirit

2020-2021 Curriculum Map Upper KS2

	Year 5	Year 6
Autumn 1	<p>Pharaohs – History focus</p>  <p>Develop children’s knowledge of ancient Egypt. Teach children about life on the Nile, the great pyramids and the powerful rule of the ancient pharaohs.</p> <p>Science: Why does milk go off?</p>  <p>Children test different types of milk to find out how quickly they spoil at room temperature.</p> <p>Science: Working Scientifically / Forces</p>	<p>ID – Science Focus</p>  <p>Develop children’s knowledge of classification and inheritance.</p> <p>Children explore human identity, genetic characteristics, family traits and their own values and beliefs.</p> <p>Science – How does inheritance work?</p>  <p>Children investigate how offspring inherit traits from their parents.</p> <p>Working Scientifically / Evolution and Inheritance</p>

Stargazers – Science focus



Develop children's knowledge of the Solar System.

Teach children about the Moon, planets and significant individuals, including Galileo and Newton.

Science: Why do planets have craters?



Children drop a range of balls of different mass into a level mixture of flour and oats to observe the effect of gravity and see the relationship between mass and crater size.

Working Scientifically / Earth and Space / Forces

Hola Mexico – Geography focus



Teach children about the ancient Mayan civilisation and how their environment, beliefs, architecture and mathematical knowledge made the Maya one of the most sophisticated ancient civilisations.

Science: How can we make red?



Children find out about and extract the natural dye, cochineal. They use household acids and alkalis to change the pH of the cochineal, which affects its colour.

Working Scientifically / Animals including humans / Light and shadow

Spring 1

Off with her head – History Focus



Develop children's knowledge of the Tudor dynasty. Children learn about Henry VIII and his marriages, life and legacy.

Science: Why does a compass always face north?



Children learn why compasses point north and make and improve simple compasses.

Working Scientifically / Properties and changes in materials

A Child's War – History Focus



Teach children about the cause and effect of the Second World War, significant events and people and develop their empathy for what it was like to be a child at the time.

Science: Can you send a coded message?



Children make a circuit with a buzzer. They then design and make a switch that allows them to send Morse code messages using their circuit.

Spring 2

Time Traveller – Art and Design focus



Develop children's knowledge of human change. Children learn about human reproduction, ageing and changes over time in the local community.

Science: Do we slow down as we get older?



Children use a simple catching test to find out and compare the reaction times of people of different ages.

Working Scientifically / Animals including humans / Living things and their habitats

Science: How does blood flow?



Children observe 'blood' flowing through tubes to see how the diameter of the tubes affects flow rate. They relate this to the flow of blood through real blood vessels and plan their own second investigation about circulatory system health.

Working Scientifically / Electricity / Light and sound

Alchemy Island – Music focus



Explore the mysterious sounds and hidden treasures of Alchemy Island.

Children learn to compose, edit and create music and develop an understanding of musical scores.

Science: Can you clean dirty water?



Children learn about and test different methods of separating mixtures. They then use these methods to try and clean a sample of dirty water.

Working Scientifically / Properties and changes in materials

PLANTING TO BE UNDERTAKEN FOR ALLOTMENT TOPIC

Revolution – History Focus



Teach children about life in Victorian times developing their knowledge about Victorian culture, including significant people and inventions of the time.

Science: Can fruit light a bulb?



Children work with different fruit and vegetables to investigate how they can act as batteries capable of powering a circuit.

Working scientifically / Electricity

Allotment – Geography focus



Develop children's knowledge of plants, agriculture and where food comes from. Children learn about plant reproduction, cooking, nutrition and land use across the world.

Science: Do dock leaves cure a sting?



Children learn about reactions between acids and alkalis. They then use what they have learnt to investigate dock leaves and whether they can relieve a nettle sting.

Working Scientifically / Plants / Living things and habitats

Gallery Rebels – Art and Design Focus



Children learn about significant artists and artistic movements, covering the impact of society on art and begin to master new painting and drawing skills.

Science: Is green really green?



Using water as a solvent, children separate coloured ink from a range of pens through the process of chromatography.

Working Scientifically / Light / Earth and Space