

Owls

Autumn term projects

Driver project	 Maafa
Science	 Circulatory System
Art and design	 Tints, Tones and Shades
Design and technology	 Food for Life
Geography	 Our Changing World



Maafa

In the Maafa project, your child will learn about Africa today and the ancient kingdoms that thrived on the continent for thousands of years. They will learn about the origins of the transatlantic slave trade in the 15th century and Britain's involvement from the time of Elizabeth I, when John Hawkins became the first British slave trader. Your child will understand the structure of the transatlantic slave trade and the consequences of enslavement for enslaved people. They will also discover how the people of Britain benefited from the money and goods produced by the slave trade. They will learn about the causes and consequences of the abolition of slavery in the 19th century, the worldwide African diaspora and the European colonisation in Africa. They will explore the lives and actions of black people in 20th century Britain. They will understand how the Race Relations Act of 1965 became the first piece of British legislation to tackle racial discrimination and know that the Equality Act 2010 provides people with protection against racism and other forms of discrimination, today. Your child will also explore the lives of black people who have made significant contributions to Britain and will celebrate black culture in Britain today.



Circulatory System

In the Circulatory System project, your child will revisit prior learning about the systems in the human body and the seven life processes. They will explore the role of the circulatory system and its main parts, carrying out

research to answer their own questions. They will look closely at the structure, functions and features of the heart. They will learn about the components and functions of blood, making a representation of a separated blood sample. They will draw and label diagrams of each type of blood vessel and learn about their structure and function. They will test their resting heart rate using a variety of methods. They will investigate whether having a lower resting heart rate means you can sprint faster. They will recap the four types of exercise and test which raise their heart rate the most. They will recap what they know about healthy eating and the Eatwell guide, exploring foods that fall outside the Eatwell plate and recommended daily amounts of foods. They will research the effects of smoking, alcohol and drugs on the human body. They will complete their learning by carrying out an investigation into heart rate recovery.



Tints, Tones and Shades

This project teaches children about colour theory by studying the colour wheel and exploring mixing tints, shades and tones. They learn about significant landscape artworks and features of landscapes before using this knowledge to create landscape paintings.



Food for Life

This project teaches children about processed food and healthy food choices. They make bread and pasta sauces and learn about the benefits of whole foods. They plan and make meals as part of a healthy daily menu, and evaluate their completed products.



Our Changing World

During the Our Changing World project, your child will revise the features of the Earth and learn more about time zones. They will recall how to use lines of latitude and longitude to pinpoint places on a world map and learn about map scale. They will measure distances on a map and revisit grid references, contour lines and map symbols. Your child will learn about global warming and climate change and discover how climate change and extreme weather affect people worldwide. They will learn about global trade and find out about the export of manufactured goods, food or natural resources. Your child will analyse recent road traffic accident figures and carry out fieldwork to find out about the safety of a local road. They will study patterns of human settlements and carry out a fieldwork investigation to describe local settlement patterns.