

Y5/6 Curriculum Information – Spring 2023



Sow, Grow and Farm

This project teaches children about the features and characteristics of land use in agricultural regions across the world, including a detailed exploration of significant environmental areas.

In the Sow, Grow and Farm project, your child will learn about allotments in the United Kingdom and how the government encouraged people to have them to support food rationing during the Second World War. They will learn about food webs and animal life cycles, including how living things are dependent on one another within a habitat. They will investigate the different ways that plants reproduce and will dissect flowering plants to identify the different structures. They will have the opportunity to learn about farming in the United Kingdom and the techniques used in modern farming, including the challenges that farmers face. They will learn about the benefits of eating seasonally and about the pros and cons of importing food. They will also learn about world farming and how the different climate zones affect where different foods can be grown.

Suggested text	The Secret Garden - Frances Hodgson Burnett
Memorable experience	Allotment Workshop
Innovate challenge	Market gardeners
Geography	Land use in the UK; Allotments; Farming in the UK; Maps; Grid references; Climate zones; Physical features of North and South America; Farming in North and South America; Food transportation
English	Non-chronological reports; Diaries; Leaflets; Balanced arguments
A&D	Still life
Science	Food chains and webs; Life cycles; Plant reproduction; Growing plants; Modern farming



Eat the Seasons

This is a companion project to [Sow, Grow and Farm](#). This project teaches children about the meaning and benefits of seasonal eating, including food preparation and cooking techniques.

Human Reproduction and Ageing

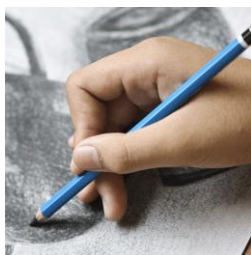
This is a companion project to [Sow, Grow and Farm](#). In the Human Reproduction and Ageing project, your child will learn what life cycles are, order the stages of life cycles for different animal species and compare them. They will learn what mammals are and the five key mammalian characteristics. They will sort vertebrates, deciding whether or not they are mammals. They will look closely at different mammalian life cycles and make comparisons. They will investigate the relationship between the mass of mammals and how long they carry their young by creating and interpreting scatter graphs. They will learn about the stages and processes of the human life cycle. They will learn about human gestation from embryo to birth. They will investigate how humans change and develop from infant to adolescence in the juvenile stage. They will learn about the changes that happen during puberty. They will interpret data about human growth and learn about the human reproductive system and sexual reproduction. They will learn about how humans change as they get older. They will investigate how ageing affects reaction times.

Innovate
challenge

Let's investigate focus: Reporting and concluding

Science

Animal life cycles; Stages and processes; Classifying mammals; Mammalian life cycles; Interpreting scatter graphs; Human life cycle; Human gestation stage; Human juvenile stage; Human adolescent stage; Puberty; Venn diagrams; Interpreting line graphs; Human sexual reproduction; Human ageing; Working scientifically – Observing changes over time, Identifying and classifying, Pattern seeking, Comparative test, Research



Line, Light and Shadows

This is a companion project to [Sow, Grow and Farm](#). This project teaches children about the visual qualities of line, light and shadow. They explore the work of Pablo Picasso and Rembrandt and are introduced to a range of shading techniques. They take black and white photographs and use pencil, pen and ink wash to reimagine their photographs in a shaded drawing.



Nature's Art

This is a companion project to [Sow, Grow and Farm](#). This project teaches children about the genre of land art. They work outdoors to sketch natural forms and explore the sculptural potential of natural materials before working collaboratively to create land art installations.

Maths

Year 5/6 White Rose Hub maths– the year groups will be taught separately for maths to maximise teaching and learning for the mathematics objectives.

Design and technology

Seasonality. [Eat the Seasons] - Cooking; Nutrition

Computing

Scratch program to code and create maths quiz games; patterns unplugged, quiz selection and video editing

History

Dig for Victory

Personal, social and health education (Kapow)

Spring 1 Citizenship

Spring 2 Safety and the Changing Body

Physical education (PE Hub)

Spring 1 Fitness (Unit 1) Hockey,

Spring 2 Gymnastics (Unit 2) & Football

Religious education

Spring 1 U2.7 What matters most to Christians and Humanists?

Spring 2 U2.8 What difference does it mean to believe in ahimsa, grace and Ummah? What does Easter really mean?

Languages (Kapow)

Daily Life- Spring 1 Clothes - getting dressed in France

Spring 2 French weather

We are really excited about all of the teaching and learning taking place this term. If you have any questions about any of the curriculum content, please do not hesitate to contact your class teacher.

Thank you, The Year 5/6 Team