

Mathematics Mastery

We will be developing our knowledge of calculation strategies for equations that contain decimals. Then we will move on to studying volume using our knowledge of Roman numerals and other number systems.

To complete our Year 5 mathematics, we will Classify 2-D & 3D shapes and reason about regular and irregular polygons and properties of diagonals of quadrilaterals.

Expressive Arts

Art – In order to gain a practical understanding of the various inventions and process that lead to the industrial revolution, we will investigate, analyse, understand and use mechanical systems in products. This will work towards us being able to generate, develop, model and communicate our ideas through discussion and annotated sketches.

Music – We will have weekly online sessions that explores rhythm, pitch and musicality. As well as our weekly virtual singing assembly

Science

This term we will be describing the changes as humans develop using scientific vocabulary to explain how humans grow and change throughout the human lifecycle. This includes exploring the development of babies and children. This unit includes an introduction to what puberty is and changes experienced in old age. This unit builds on knowledge of the human body and its processes and functions.

French

Students will learn to communicate likes, dislikes and ways to express their opinion. They will be using French dictionary to translate.

Students will be expanding their vocabulary related to food and ordering at a restaurant or café.

Reading

Our focus text will be “Clockwork” by Phillip Pullman. We will be focusing on the author’s use of characterisation. We will talk about our understanding of events and how the author foreshadows events which creates tension.

As a school we focus on reading for pleasure so students will have access to a virtual reading journals and these should be filled in using google forms every day.

Literacy

In Literacy this half term, we will be writing an explanation text with the purpose of advertising our new inventions to an investor. We will be combining our knowledge of explanation text and using rhetorical devices to persuade our audience.

Linked to our reading, we will be writing a character profiles and discuss how they change over the course of the story.



This half term we are asking: What were the positive and negative aspects of the Industrial Revolution?



Home Learning

- Austen class make suggestions for topics they want to do further research on including topics around Art, Geography, Science and wherever their curiosity takes them during their lessons.
- We will be renaming the class – a first at Ark Conway - and students are encouraged to do research on important figures and formulate a speech to present their findings.

Sports, Health and Fitness

In Sports, we have QPR coaches coming in every week to run sessions in sport and fitness with the students where they will be lots of opportunity for students to explore good sportsmanship, teamwork and increasing their love for exercise.

In health, we will be learning about healthy lifestyles where students will explore the importance of personal hygiene.

Humanities

We will explore aspects of British history to extend their chronological knowledge beyond 1066. We will study the Industrial Revolution in depth, acquiring historical knowledge whilst developing our use of historical concepts to draw comparison with other aspects of British history studied.

Prior to this unit, we have studied British history from the Stone Age to the Battle of 1066. This unit expands our understanding of Britain’s History from the roots of the industrial revolution and the wider context of the Industrial Revolution in Britain to understand how the products of slavery fuelled the rise of industry - machines to turn cotton into thread and cloth, built using money made by investing in slave trade. We will continue to look at trade and Empire as well as significant inventions that contributed to the Industrial Revolution.