



# Kirkburton Middle School Curriculum Map Year 6 2024/25

Spring Term 2025

## English – Spring 1

### **Harry Potter – Reading Unit**

Further development of reading skills (VIPERS) in preparation for KS2 SATS and beyond. Pupils will explore characters, plot events and themes as well as examining the effect of vocabulary the reader. By this stage, pupils will be regularly completing three-mark PEPE (Point, Evidence, Point Evidence) answers in response to ‘impression’ questions.

### **Origin of the Species – Writing Unit**

Pupils use the vehicle text listed above to create two more extended pieces of writing: a discovery narrative and an explanation of adaptation.

## English – Spring 2

### **Harry Potter – Reading Unit**

Further development of reading skills (VIPERS) in preparation for KS2 SATS and beyond. Pupils will explore characters, plot events and themes as well as examining the effect of vocabulary the reader. By this stage, pupils will be regularly completing three-mark PEPE (Point, Evidence, Point Evidence) answers in response to ‘impression’ questions.

### **Shackleton’s Journey – Writing Unit**

Pupils use the vehicle text listed above to create two more extended pieces of writing: an endurance narrative and a magazine article.

## Maths – Spring 1

### **Number – Decimals and Fractions, Decimals and Percentages**

Place value in decimals.

Multiply and divide by 10, 100 and 1000.

Multiply decimals by integers.

Divide decimals by integers.

Convert between FDP.

### **Number – Percentages**

Use equivalent FDP.

Percentages of amounts.

Calculate percentage increases and decreases.

Order FDP.



### **Algebra**

Function machines – finding rules.

Sequences.

Substitution.

Using simple formulae.

Solve simple one and two-step equations.

Find pairs of numbers that satisfy an equation with two unknowns.

Find different possibilities and combinations.

### **Maths – Spring 2**

#### **Geometry – Units and Measurement**

Convert between metric units.

Imperial and metric conversions.

Area and perimeter of rectangles.

Area of triangles.

Area of parallelograms.

Perimeter and area of compound shapes.

Volume of cuboids.

Measurement problems.

#### **Number – Ratio**

Language of ratio.

Ratio and fractions.

Calculate using ratio.

Scale factors.

Similar shapes.

Problem solving with ratio, including recipe problems

### **Science – Spring 1**

#### **Energy – Part 2**

Waves : Students get the opportunity to explore the role of reflection in how we see and the effects of opaque objects in creating shadows.

**Ecosystems – Big Picture:** There are millions of species of plants and animals on Earth, how do we know what they are and how to group them? Students will learn to interpret and design keys for the classification of plants and animals.



## Science – Spring 2

### **Ecosystems – Part 2:**

Students will look at different habitats and the organisms that live in them, including food chains.

**Genes – Big Picture:** How do our physical and behavioural characteristics lead to our survival and the evolution of a species over time? Students will study the role of variation and adaptations on survival and how this leads to natural selection and evolution.

## Art – Spring 1

### **Picasso and Cubism**

Produce a still life from observation and develop it into a Cubist mixed media piece of artwork.

## Art – Spring 2

### **Mexican Day of the dead Sugar skulls**

Exploring the art and culture behind the festival and pupils a create sugar skull inspired artwork.

## Computing – Spring 1

### **Introduction to Spreadsheets**

Pupils will work through a set of learning exercises in Excel covering cell references, basic formulae (+, -, /, \*) and the SUM and AVERAGE functions.

## Computing – Spring 2

### **Scratch Programming - Road Safety & Computer Graphics**

Pupils will look at machine vs human intelligence. They will then use Scratch to program the computer to draw regular polygons.

Building on these Scratch programming skills, they will look at road safety, and create programs to control crossings and lights.

## French – Spring 1

### **Talking about yourself**

Pets, colours. Making nouns plural and introduction of adjectival agreement.

## French – Spring 2

### **Talking about your family**

Brothers and sisters. Saying if you have/haven't got brothers and/or sisters. Easter traditions in France and Francophone countries



## Geography – Spring 1 & 2

### **How do we use our planet as a natural resource?**

What are rocks and how are they a natural resource?

What are renewable and non-renewable resources?

What is the greenhouse effect and what does it result in?

What are the advantages and disadvantages of wind farms as a form of energy production?

How can we use resources sustainably?

How are settlements structured in urban areas?

How were sites for early settlements chosen?

What different settlement patterns are there?

How have settlements changed and grown?

How are cities structured?

## History – Spring 1 & 2

### **Why do the Silk Roads matter?**

This historical enquiry will introduce pupils to the Silk Roads. This was an important trading network that linked Europe and Asia. It originated more than 2000 year ago and remained in use until the 15th century. Pupils will investigate what was happening on both continents at this time particularly the Golden Age of Islam and the Anglo-Saxons and Vikings.

## Music – Spring 1

### **I Got Rhythm**

Read more complex rhythms, including quaver and semiquaver patterns. Explore body percussion and develop performance technique on the Djembe drum including slap tone and bass. To create a structured group drumming composition and perform it confidently.

## Music – Spring 2

### **Composing for Film**

To learn basic features of music sequencing software including searching for, selecting and arranging loops. To add automation to a music technology project. To create an effective soundtrack to a film trailer which includes leitmotif and other film music features



## PE – Spring 1

Introducing the basics skills and knowledge in **Dance activities**.

**Outdoor and Adventurous Activities** such as Team Building and Orienteering are used in the first week to strengthen new friendships within the class.

## PE – Spring 2

Introducing and developing basic skills in Net games through **Table Tennis**. Introducing and developing basic skills for Invasion games through **High 5 Netball**. Playing adapted games.

## PSHE – Spring 1

### **Puberty and changing adolescent body**

Pupils learn about the physical and emotional changes in boys and girls. Pupils cover menstrual wellbeing (periods).

## PSHE – Spring 2

### **Health and prevention-basic first aid**

Pupils learn the importance of good sleep, sun care and good dental health. Pupils look at basic first aid skills.

## RE – Spring 1

### **How and why are Jewish festivals celebrated today?**

This unit explores how Jewish people are influenced by many years of tradition and teaching as they celebrate their faith today. This unit focuses on what it is like to be Jewish, exploring beliefs about God; about how ideas of God are expressed in stories, celebration, ritual and action; about the great festivals of Rosh Hashanah, Purim and Hanukah, illustrating how Jewish communities learn and celebrate together.

## RE – Spring 2

### **How and why are Jewish festivals celebrated today?**

Continued.

## Technology – Spring 1 & 2

**Product Design**- Pupils will work with wood. They will understand there are various categories of wood. They will make a desk tidy and learn about health & safety in the workshop whilst working with a variety of tools and machines.

## Drama – Spring 1 & 2

On rotation with technology.