



# Kirkburton Middle School Curriculum Map Year 6 2024

Autum Term 2024

## English – Autumn 1

### **Kick - Reading Unit**

Developing reading skills (inference, retrieval etc.) exploring characterisation, themes and plot structure. Pupils to develop knowledge of how to approach SATS style questions using techniques such as PEPE (Point, Evidence, Point, Evidence).

### **Rose Blanche/Anne Frank – Writing Unit**

Pupils use the vehicle texts of Rose Blanche and Anne Frank to produce two extended pieces of writing: a diary entry and a bravery award speech. Grammar knowledge such as expanded noun phrases, colons to introduce lists and passive voice are woven through this unit.

## English – Autumn 2

### **Room 13 – Reading Unit**

Development of reading skills using the novel as a vehicle text. Pupils can explore more complex vocabulary and use VIPERS skills to help them to develop their comprehension skills.

### **Hansel and Gretel – Writing Unit**

Pupils use the vehicle text listed above to create two more extended pieces of writing: a dual narrative and a persuasive letter.

## Maths – Autumn 1

### **Number – Place Value**

Read, write, compare and order numbers up to 10,000,000

Round numbers.

Negative numbers.

### **Number – Calculations**

Add, subtract, multiply and divide using formal written methods.

Multiples, factors, prime numbers, square numbers and cube numbers.

Common factors, common multiples.

BIDMAS.

Problem solving.

Reason from known facts.

Calculate mentally and estimate answers.



## Maths – Autumn 2

### **Number – Fractions**

Equivalent fractions.

Simplify fractions.

Mixed numbers and improper fractions.

Compare and order fractions.

Add and subtract fractions.

Multiply fractions by integers.

Multiply fractions by fractions.

Divide fractions by integers.

Calculate fractions of an amount.

### **Geometry 2D and 3D shapes**

Compare and classify geometric shapes based on their properties.

Properties of quadrilaterals.

Name 2D and 3D shapes.

Draw shapes accurately.

Nets of shapes.

### **Geometry - Position & Direction**

Co-ordinates in all four quadrants.

Translate shapes on a co-ordinate grid.

Reflect shapes.

## Science – Autumn 1

### **Introduction to Science -**

**Big Picture:** Science involves asking questions, investigating and observing the world around us. What does a scientist need to do to be safe and collect accurate results?

Students will learn vital skills that will be used throughout their science education, they will learn how to work safely, measure accurately, identify and use laboratory equipment including Bunsen Burners.

### **Organisms:**

**Big Picture:** All are made up of cells, the organisation of these cells leads to different organs, organ systems and organisms. How do our circulatory system and digestive systems work?

Students learn about

the seven life processes (MRS GREN) and look in more depth at the circulatory system.



## Science – Autumn 2

### **Organisms – Part 2:**

**Healthy lifestyles** – students will consider the impact of healthy and unhealthy choices on their lifestyles.

**Energy and Waves – Big Picture:** Electricity and light are two fundamental physics ideas that we use in our everyday life. How do circuits and light allow us to live our lives effectively?

### **Energy:**

Students will look at circuits and how they work, learning how to draw scientific diagrams and investigating the effects of changing components.

## Art – Autumn 1

### **What is Art?**

Exploring the importance of art and understanding the formal elements.

### **Picasso and Cubism**

Learning about Picasso, his life, different styles and in particular Cubism.

## Art – Autumn 2

### **Picasso and Cubism**

The focus is on how Cubism developed over time and understanding its style. Pupils explore different drawing techniques.

## Computing – Autumn 1

### **Basic Skills**

Introduction to the school network, passwords.

Skills and knowledge to build keyboard and mouse dexterity.

Familiarisation with common software packages. Pupils will also look at how binary numbers work.

## Computing – Autumn 2

### **E-safety**

Pupils look at ways to keep safe online, what to be careful of and how to report concerns.

## French – Autumn 1

### **Talking about yourself**

Classroom instructions, greetings, saying how you are, name, age

Focus on pronunciation.

## French – Autumn 2

### **Talking about yourself**

Alphabet, months and days, saying when your birthday is, saying which country you live in and your nationality summative assessment.

Christmas celebrations in France and Francophone countries.



## Geography – Autumn 1 & 2

### **Where on Earth are we?**

Why do we study Geography?

Where are the world's continents and oceans?

What is longitude and latitude?

Where is Europe?

Where and what is the UK?

What are the UK's main physical features (rivers, mountains, oceans)?

What are the UK's main human features (cities, counties, countries)?

### **How do I become a skilled Geographer?**

What are compass directions?

What is a map and what do their symbols mean?

How do I give a four-figure grid reference?

How do I give a six-figure grid reference?

How do I show height on a map?

How do I calculate distance on a map?

## History – Autumn 1 & 2

### **Who were the Romans and how do we know about them?**

What is the story of the founding of Rome?

What else can we learn from the story of Romulus and Remus?

How long ago were the Romans?

Why was the Roman Army so successful?

What was it like to be a Roman soldier?

Why did Britain become part of the Roman Empire?

What evidence can we use to find out about the Romans?

What can we learn from the ruins of Pompeii?

Why are Pliny's letters so useful?

## Music – Autumn 1

### **What is Music?**

Know and understand two elements of music; tempo and dynamics. Develop singing technique. To be able to read a ukulele chord diagram and play C, F and A minor chords and strum simple patterns as part of a group performance. To recognise and read three note durations: semibreve, minim and crotchet.

## Music – Autumn 2

### **Keyboard Kick-Off**

Understand the layout of the piano keyboard. Use a 5-finger technique when playing 'Ode to Joy' and 'Jingle Bells' melodies. Develop reading of staff notation using treble clef. Rehearse and perform with confidence.



## PE – Autumn 1

Introducing basic skills and knowledge in **Sports hall Athletics**. Running, jumping and throwing activities.

Introducing and developing skills and knowledge in invasion games through **Football**.

Playing adapted games.

## PE – Autumn 2

Introducing and developing basic skills in **Gymnastics**. Creating individual routines and sequences on the floor.

Introducing and developing basic skills for invasion games through **Quicksticks Hockey**.

Playing adapted games.

## PSHE – Autumn 1

### **Wellbeing and Mental Health (making links to PE and FFT)**

Pupils learn that looking after our mental health and wellbeing is part of normal life. Looking at self-care techniques and coping strategies, including the benefits of physical exercise and being outside. Looking at the message of 'its ok to talk'. Signposting and support.

## PSHE – Autumn 2

### **Respectful Relationships-looking at families, friendships (including online relationships and being safe)**

Pupils look at the characteristics of a healthy family life and friendships. Looking at how to deal with cyberbullying. Pupils cover the concept of respect and boundaries, consent and feeling safe.

## RE – Autumn 1

### **How do Sikhs symbolise their commitment?**

This unit develops pupils' knowledge and understanding of Sikhi, including worship practices. It invites pupils to reflect on how Sikhs symbolise their faith through actions and rituals. The content of the unit supports pupils to understand and evaluate values and how they inform the religious practice, commitment and service in of Sikhs. In so doing, the unit also enables pupils to reflect on the significance of these concepts in their own lives.

## RE – Autumn 2

### **How do Sikhs symbolise their commitment?**

Continued.

## Technology – Autumn 1

**Food Preparation & Nutrition** - Pupils will be taught about safe food preparation and hygiene. They will learn about nutrition following the Eatwell guide and will make several dishes using fruits and vegetables.



## Technology – Autumn 2

**Textiles** - Pupils will learn about fibres and fabrics. They will learn simple embroidery skills and how to use a sewing machine as they make hand and machine made products.

## Drama – Autumn 1

### **Roald Dahl**

An introductory unit which introduces dramatic techniques such as tableau, split screen, hot seating, role-play and characterisation through studying a number of Roald Dahl poems and novels.

## Drama – Autumn 2

### **Darkwood Manor**

A spooky journey to the mysterious Darkwood Manor. An introduction to physical theatre techniques, whole class acting with a focus on building tension.