

This half-term, children will explore *Rosie Revere, Engineer* by Andrea Beaty in a three-week teaching sequence. They will start by designing their own suspension or opening bridges and write a short explanation of how their bridge works, using verbs in their progressive form. After reading the book, they will use thought-tapping to infer the character's emotions and write dictated letters of advice, incorporating contracted verbs and the common exception words *could, should, would*.

Science – Identify and compare the suitability of materials for designing, as well as explore different artistic practices and disciplines.

Geography – Name, locate, and identify characteristics of the UK's four countries and capital cities.

Islamic & PSHE link – Children will learn about notable Muslim inventors and discuss perseverance, resilience, and creativity as key character traits. This will be taught through discussions, role-play, and practical activities encouraging problem-solving and innovation.

D.T

This term, KS1 will explore inventors and their impact on the world. They will study Leonardo da Vinci and the Wright Brothers, discussing how their inventions changed history. Children will think critically about how inventors develop ideas before designing their own invention. They will also learn about Abbas Ibn Firnas, the first pilot, whose glider inspired the Wright Brothers, highlighting Muslim contributions to innovation. In science, they will explore suitable materials for inventions. Through discussions, problem-solving, and hands-on activities, they will develop resilience, creativity, and perseverance.

Spring 2 - Curriculum Overview 2025

KS1 - YEAR 1-2

Islamic knowledge is incorporated into the curriculum

Mathematics

This term, KS1 students will explore measurement in Maths, covering length, height, weight, capacity, and time using standard units like centimetres, metres, grams, kilograms, millilitres, and litres. They will practise using rulers, scales, jugs, and clocks, developing estimation and accuracy skills. Learning to read o'clock and half past on analogue clocks will also be included. Measurement is vital for understanding the world, supporting everyday tasks like cooking and organising. Cross-curricular links will be made with Science (measuring materials or time) and Geography (distances and time zones). Hands-on activities will build confidence with numbers and tools, preparing children for more advanced Maths concepts.

PE

For PE, KS1 will be learning how to play the game rounders. Children will first learn how to throw and catch a ball accurately which will allow them to develop consistency in throwing skills. This will be followed by children learning how to bat as well as developing a range of fielding techniques. Children will also be learning the importance of diet and how it is important to have a well-balanced healthy lifestyle. KS1 will also identify ways to keep healthy and fit and how Islam teaches us to be healthy. We will also be learning different sets of exercises which allow us to stay fit during games in PE.

Science

This term, KS1 will learn about everyday materials, distinguishing between objects and the materials they are made from. They will describe, compare, and group materials based on their physical properties. Children will observe closely using simple equipment, perform tests, identify and classify materials, and use observations to suggest answers to questions. They will also gather and record data to support their findings. Through discussions, they will explore how all materials come from Allah and how He creates what He wills, linking science with their understanding of the world.

Geography

This term, KS1 will explore maps and how they are made. They will learn about key features such as map symbols, keys, aerial maps, and human features. Children will then design a map of their local area using these elements. They will also develop map-reading skills and understand how maps are used in everyday life. As an Islamic link, they will learn how the compass helps Muslims find the direction of the Kaaba, reinforcing the importance of navigation in both geography and religious practice.

ESR

This term, KS1 will focus on being thankful for everything around them. They will learn how everyday things are provided by people but, most importantly, how Allah SWT is the ultimate provider. Children will also explore how some children in other countries work hard to produce the items we use daily. They will reflect on how these efforts are often taken for granted and discuss the importance of gratitude. Through discussions and activities, they will learn to appreciate what they have and express thankfulness to Allah.