

Learning Experience

To begin their learning experience this term, the children will be taking part in a STEM bridge building challenge. This will tie in with their science work, looking at forces as well as their geography topic for the term. The children will consider how land use and topography have an impact on human and physical features in different parts of the world.

English

In Bramley Class, the children will explore the wordless picture book 'The Journey by Aaron Becker' where a magic door leads to a world of awe, wonder, adventure and danger. Using fronted adverbials, expanded noun phrases and paragraphs, the children will plan, write and edit their own portal story.

In Russet Class, the children will be immersing themselves into the fantasy world of 'Harry Potter' to create setting descriptions, as well as learning how authors create suspense. They will look at different examples, exploring the features, before planning and writing their own fantasy story. Later in the term, the children will develop their knowledge of instructional writing and the language features needed.

Maths

This term, Bramley Class will review their knowledge of multiplication, division and fractions before moving on to interpreting and presenting data using bar charts, pictograms and tables. They will solve one-step and two-step questions involving comparison, sum and difference problems.

Russet Class will look at bar graphs, line graphs and pie charts, working on the order of operation as well as consolidating their knowledge on the relationship between ratio, percentages, fractions and decimals.

Science

Years Five and Six will be looking at forces. They will be learning about gravity as well as identifying the effects of air resistance, water resistance and friction, that acts between moving surfaces.

Years Three and Four will look at the function of skeletons and muscles, they will identify that humans and some other animals have skeletons and muscles for support, protection and movement.

Art

This term the children will be exploring the different types of bridges and who the architects were that designed them. They will develop their mastery of art and design techniques, through drawings with a range of mediums. Additionally, the children will look at perspectives and how to use these when drawing their bridge designs.

Geography

Expanding their knowledge of different places around the world, the children will investigate the location of famous bridges - using world maps, globes and online research to help them to evaluating how their location has affected their design.



Bridge That Gap

Our value this term is **Hope**

The children will be looking at different people whose '**hope for a better future**' changed the lives of those around them and the wider world.

RE:

This term Bramley Class will look at how festivals and worship matter to a Muslim. Russet Class will explore what it means to be a Muslim in Britain today.

Start Date: 24th February 2025

End Date: Friday 4th April 2025

Hook date: Monday 3rd March 2025

The children will take inspiration from different bridge designs and the shapes, that are used around the world. Thinking about the structure that strengthens them, the children will build a bridge of their own, following a criteria and a brief, ensuring that it is strong enough to hold a tin.

Outcome:

The children will create a gallery of the bridge drawings to share with others. The gallery will also have a section to show the success of bridges they built during the hook day as well as explaining about any difficulties they needed to overcome.

Computing:

Bramley children will learn how digital images can be changed, edited, resaved and reused. They will consider the impact this can have and evaluate their choices.

Russet children will look at programming variables in Scratch and relate them to real-world examples of values that can be set and changed. This will lead on to the creation of digital scoreboards.

Take home task:

Choose from one of the following:

- Share some photographs you have taken of a range of bridges in your local area.
- Design and make your own model bridge, using materials of your choice.
- Write an imaginative portal story set on or under a bridge.
- Create a bar chart or line graph, comparing heights or lengths of different bridges from around the world.

Hand in date: Friday 28th March 2025

How you can support your child at home:

- Discuss the role and impact of bridges in the environment.
- Talk to your child about any bridges you know from around the world, that we can discuss in class.
- Yrs 3,4, 5 and 6 - Learn times tables facts up to 12 X 12 and associated division facts.
Yrs 5 and 6 – Learn squared and cubed numbers.
- Ensure that your child reads at home **daily** whilst having the opportunity to discuss their reading with you
- Help them to learn the spellings from the statutory word lists (these can be found at the back of the reading records) and their spellings for their weekly spelling test.
- Support children in completing their Maths homework, encouraging independence.