

Science – Materials

- To identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard. Which material is best for making a fast vehicle?
- Compare how things move on different surfaces. Which surface is faster?

Geography –

- Compare the United Kingdom with other areas of the world. Which different types of vehicles do you need?

Computing –

- Learn to create lists of instructions to control digital devices. How can we make the instructions accurate and precise?

Writing

Learning how to write information texts, the key learning will be:

- to use different organisational features to suit the purpose of writing
- to use capital letters, full stops, question marks and commas accurately and independently

Mathematics

The principal focus of mathematics teaching in Year 2 is to ensure that pupils develop confidence and mental fluency with whole numbers, counting and place value. This will involve working with numerals, words and the four operations, including with practical resources.

Art and design

Design and build an air powered rocket car. Make decisions about the size and shape, its wheels and the method needed to secure the rocket that will power it. Use drawing and painting skills to enhance the design and develop and share ideas.

Music

Listening to different types of music and learning to understand how they are created.

Physical Education

Learning the basic movements of running, jumping, throwing, and catching, as well as developing balance, agility and co-ordination, and beginning to apply these in a range of activities

Reading

During our topic this term, the focus will be on information texts and the key learning will be to understand the organisational features of texts such as alphabetical order, layout, diagrams, captions and bullet points.

History

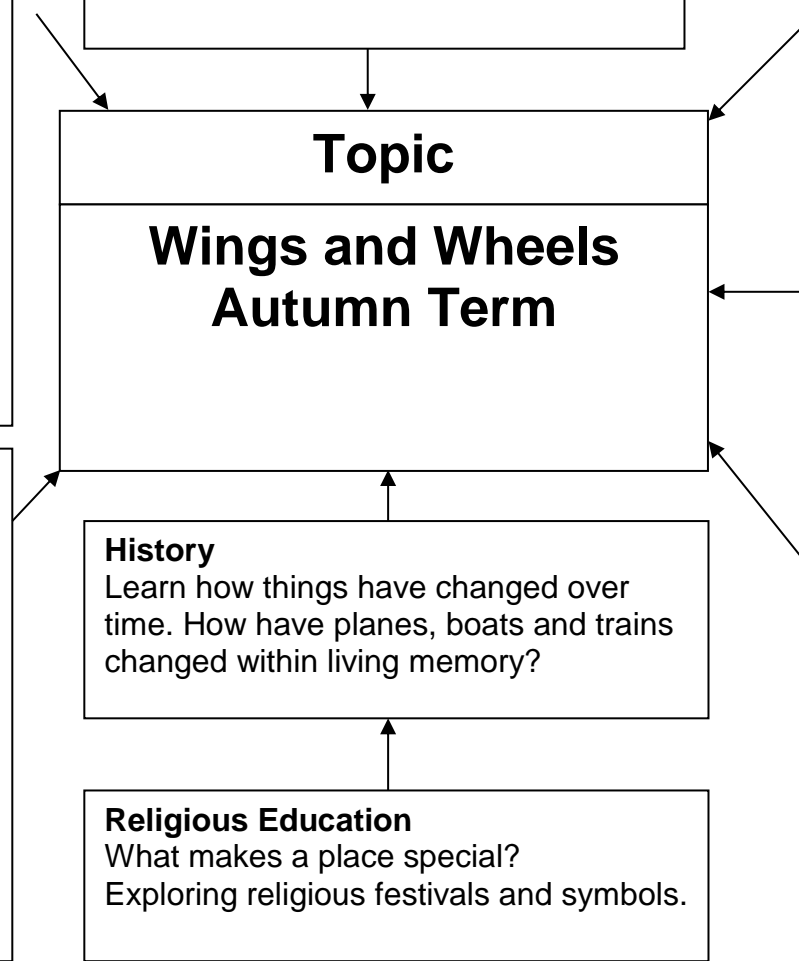
Learn how things have changed over time. How have planes, boats and trains changed within living memory?

Religious Education

What makes a place special?
Exploring religious festivals and symbols.

Topic

**Wings and Wheels
Autumn Term**





You can help your child with their learning in the following ways:

Maths

- Use the useful websites stated. Use these to develop your child's knowledge of times tables and number skills.
- When you go shopping, ask your child to add the prices of some items together. When they get to till, are they correct?
- Ask your child to help you weigh ingredients, or divide food equally so that each person gets the correct amount.
- Show them the time on a digital/ analogue clock. Can they read the time?
- Play 'Noggle'- Choose 9 numbers, how many ways can they use the numbers to make a given answer.

Writing and Spelling

- Mnemonics – If your child is having difficulty spelling a particular word, they could use the letters in it to make a sentence. For example, to spell the word 'because' your sentence could be 'Big Elephants Can Always Understand Small Elephants'
- Encourage your child to write notes and lists for you so they can practice writing for different purposes.
- Play 'Boggle' – Choose 9 letters, how many words can your child make using those letters.

Reading

- Schedule a regular time for reading. Perhaps when you get home or when you go to bed. Take turns asking questions about the stories that you have read. Your child can ask you questions and vice versa.

Websites to help your child with their learning

Espresso

<https://online.espresso.co.uk/espresso/login/Authn/UserPassword>

Children should know their own name and password. Please contact the school if you have any problems.

Bug Club

<https://www.activelearnprimary.co.uk/login?c=0>

English, maths and science activities:

<http://resources.woodlands-junior.kent.sch.uk/maths/timestable/>

<https://uk.ixl.com/math/year-2>

<https://uk.ixl.com/ela/year-2>

<http://www.bbc.co.uk/education/levels/z3q4d2p>

Learning about the wider world:

<http://www.primaryhomeworkhelp.co.uk/revision/Science/>

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INDIAN QUEENS PRIMARY SCHOOL

Wings and Wheels (September – December)

In this topic we will be learning about different types of vehicles from around the world. We will be learning how vehicles have changed over time and thinking about what vehicles might be like in the future. We will also be designing and making our own vehicles. Our visit to Royal Cornwall Museum will include finding out about the Bloodhound Supersonic car, which travels at 1000 mph!

- How have vehicles changed and why?
- What materials are vehicles made of?
- Which materials are best for which job?
- What were vehicles like in the past?
- What might vehicles look like in the future?
- What mode of transport is best when travelling in different environments?
- What world records have been set by vehicles?
- What vehicles have helped shape the world we live in?



Bloodhound SSC