

Our Trip this term will be:

We will be visiting Bradford Industrial Museum to explore how transports has changed over time.



Horton Park Primary
We Learn to Succeed

Year 2

Spring 1

Miss Bridge and Mrs Gibson

Our Topic

STEM

This half term we will be learning about:

- ⇒ Henry Ford and Amy Johnson
- ⇒ Computer Science
- ⇒ Religious Special Places
- ⇒ How Transport has changed over time
- ⇒ Andy Goldsworthy (Sculptor)

Reminders!

All pupils must come to school in full uniform. This includes black shoes, their PE kit, book bag, reading books and their Home-School Diary every day. Please make sure you are signing your child's diary when you are reading with them at home. Also, the children have logins for Mathletics in their Home-School Diary on the back page. This will allow them to log into and complete online Math activities.

Please note: Both Year 2 classes have PE on a Tuesday morning.

The topic this half-term is Rugby, which Bradford Bulls will be supporting Year 2 with.

Homework

Your child will receive homework every Thursday and must be returned to school by

Tuesday each week. Homework will include:

- Maths homework
- SPAG homework
- Daily Reading—Raving Readers Challenge and completion of Home School diaries
- **Project homework due in:** Tuesday 9th January 2018

Maths

This half term we will be:

- ⇒ Identifying 2D and 3D shapes/objects.
- ⇒ Describing the properties of 2D/3D shapes (vertices, edges, sides, faces, lines of symmetry).
- ⇒ Finding and naming $1/4$, $2/4$, $1/3$ and $3/4$ of shapes or quantities.
- ⇒ Using fractions and shape to solve problems.
- ⇒ **Mental Maths Focus:** Counting in groups of 3 from any given number.

You could help your child at home by:

- ⇒ Practise counting in groups of three from any given number.
- ⇒ Continue practising 2, 5 and 10 times tables.
- ⇒ Use objects to explore fractions (e.g. find $1/4$ of a pizza)
- ⇒ Name and describe 3D objects around the home. Can your child describe the shape's properties?

English

This half term we will be:

- ⇒ Writing explanation texts, describing how vehicles (cars in particular) move as part of our DT project.
- ⇒ Writing our own imaginative narratives, linked to our text 'Mrs Armitage on Wheels'.
- ⇒ Learning to use a comma to separate words in a list and using suffixes (word endings) in our writing.

You could help your child at home by:

- ⇒ Reading with your child every day (particularly non-fiction texts).
- ⇒ Practise showing the children to read their sentences out-loud to check that they make sense.
- ⇒ Continue to practise using conjunctions to extend sentences.
- ⇒ Practise helping your child use commas to separate adjectives in their sentences.

History

This half term we will:

- ⇒ Research Henry Ford and Amy Johnson and how they've shaped the history of Transport.
- ⇒ Explore how transport vehicles have changed over time. We will sequence them into time periods.
- ⇒ Discuss why these vehicles have changed and the benefits from these changes.
- ⇒ Explore the production line and how cars are manufactured and used today.

You could help your child at home by:

- ⇒ Discussing similarities and differences between the first car created (Model T) and cars which we see today.
- ⇒ Research key facts about Amy Johnson and Henry Ford.
- ⇒ Make a tally chart of all the cars you can see. Compare these to different types of transport to see which is the most common.
- ⇒ Discuss materials which might be used to make cars. Ask the children to explain why and explain why we wouldn't use an alternative material.

Computing

This term we will:

- ⇒ Discuss scenarios about how we can stay safe when we are using technology.
- ⇒ Use algorithms to sequence and control technology devices.
- ⇒ Predict the outcomes of predetermined algorithms using our coding skills.
- ⇒ Write and debug simple algorithms.
- ⇒ Test and debug simple programmes.
- ⇒ Discuss the importance of technology and how it is used beyond school life.

You could help your child at home by:

- ⇒ Discussing E-safety and the concept that some people might not be who they say they are in real-life.
- ⇒ Discuss algorithms for walking home/to the shops. Find ways to 'debug' or solve an incorrect algorithm.
- ⇒ Accessing Purple-Mash applications at home. Allow the children to evaluate their work and discuss possible ways to improve. Children have log-ins in the back of their Home-School Diaries.

DT

This half term we will:

- ⇒ Research, plan and design a car.
- ⇒ Design and build a car that moves for Reception children to play with.
- ⇒ Explain how the car moves using our sustained writing (explanatory text).
- ⇒ Evaluate our designs and models.

You could help your child at home by:

- ⇒ Exploring parts of a car that help it move.
- ⇒ Sketch your own or a friend's car.
- ⇒ Explain the features and purposes of car parts.

Religious Education

This half term we will:

- ⇒ Identify the purpose of celebrations and how people celebrate special days.
- ⇒ Research special days celebrated in Christianity, Islam and Hinduism.
- ⇒ Discuss how these celebrations are similar or different and recognise the key traditions to identify these celebrations.

You could help your child at home by:

- Talking about how your family celebrates special events or days (religious or non-religious).
- Discuss what types of food are eaten, clothes are worn, decorations etc.
- Read books linked to celebrations and special days.

