

Inventors and Inventions - Autumn 1

Welcome to Year 5!

I hope you have all had a lovely summer break and are feeling refreshed and ready for action! I am very pleased to have Mr. Carroll as our class Teaching Assistant this year and we are both looking forward to some exciting topics.

English

We will focus our work around The Invention of Hugo Cabret and will explore story writing, including developing characters, creating plot and describing settings. As always, will continue to develop our spelling, punctuation and grammar skills (SPaG) throughout our reading and writing work as well as specific focused lessons. We will begin by looking at nouns. We then explore some persuasive texts linked in with having a holiday and write our own holiday adverts in a similar style.

How you can help: whilst your child is reading to you, encourage them to locate challenging vocabulary, discuss the meaning with them and get them to use it in their own sentence; talk about the story so far and make predictions using clues in the text; encourage them to say why they think or believe in something using words such as 'because'; continue to learn spellings with your child making it fun by using the activities sheet.

Maths

We have a big focus on number and place value at first, then we move on to addition, subtraction, multiplication and division. We will carry out a range of practical activities and written work and will link in problem solving and reasoning where appropriate. Times tables will be sent home and it is really important that you help your child to learn them for a test the following Friday.

How you can help: continue to learn the times tables with your child and get them involved with as much real world problem solving as possible. They can help you to work out costs and change when out and about, help them to see shapes and patterns as you travel around and help them to learn key facts such as how many centimetres are in a metre and what a prime number is. Mathsframe has some good activities, many of which are free and I also like multiplication.com because it has some really fun games that can be customised.

www.mathsframe.co.uk

www.multiplication.com

www.activelearnprimary.com

R.E.

Please see the separate newsletter for our topics.

Science

Our focus in science is forces. We will identify the effects of air resistance, water resistance and friction by identifying forces acting on objects; explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object by measuring the force of gravity pulling on objects; identify the effects of air resistance by investigating the best parachute to slow a person down; identify the effects of water resistance by creating and racing streamlined boats; identify the effects of friction by investigating brakes and recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect by exploring and designing a simple mechanism.

D.T.

We will look at how cams, levers and pulleys are used in the real world and will then use them to make a working toy that has movement. We will design, make and evaluate our products, focusing on a professional finish.

P.E.

On Monday afternoons, we will play Tag Rugby. This is a non-contact version of Rugby and is usually enjoyed by all children. We will play this on the field, weather permitting, so trainers may be worn. On Wednesday afternoons, we will be doing Net and wall skills. This will involve developing our use and control of a racquet to hit a ball. We will learn lots of skills and play games to help us refine them.

Computing

We will develop our ability to search the internet safely for information and then evaluate them using different criteria We will use our findings to create our own version of webpages around the theme of famous inventors combining images and text and using hyperlinks.

History

We will find out about the importance of Baghdad's role in the early Islamic Civilisation; find out about the House of Wisdom and how it became a centre for learning; explain some of the significant discoveries by early Islamic Scholars and know about Muhammed and the Silk Road trade route.

French

Year 5 will be taught by Mrs. Spacey on Friday mornings.

Music

Year 5 will be taught by Mrs. Mallinson, our music specialist on Friday mornings.

Homework:

Reading

Year 5 children should be reading every day, either independently or to an adult. This should be recorded in their Home School Record as book title and page number.

Spellings

Children will be given spellings each Friday for a test the following Friday. Spellings are copied into their spelling book and need to be learnt. Playing games is a good way to make learning spellings fun. (See the spelling games sheet). Please make sure that spelling books are in every Friday.

English and Maths

English and Maths homework will be given on a Friday to be in the following Friday. The homework will be based on work done in class that week and you should not spend more than 20-30 minutes on each piece. We will check homework together in class and work through any misunderstandings.

Times tables

On Fridays, children will be told which times table they will be tested on the following Friday. They should learn the table through the week, extending into decimals and larger numbers if they become very secure in their knowledge.

Please come in to see me after school if you have any issues or concerns, or make an appointment through the office.

Thank you.
Mr. Knight