

# Year 4 Alder and Cedar Class

## Welcome to Year 4!

We hope you have had a fabulous half-term break and are looking forward to the new half-term.

### Reminders:

**Forest school** is a Thursday afternoon for this half-term

**PE days** are on a Wednesday and Friday for Cedar and Monday and Friday for Alder. Please ensure children come in to school wearing the correct school P.E. kit.

Cedar: Mrs Platek, Mrs Jones

Alder: Miss Curtis, Mrs Steele

### Multiplication tables

Please continue to use 'Times Table Rockstars' to practise rapid recall of multiplication and division facts. Children are expected to know all of their multiplication tables (up to x12) by the end of year 4. Please encourage your child to take part in our 'Battle of the Bands' each week.

### Maths

Children will continue to develop addition, subtraction, multiplication and division skills. These skills will help children to solve a variety of word problems with the help of practical equipment which will also help scaffold their learning.



## Potions

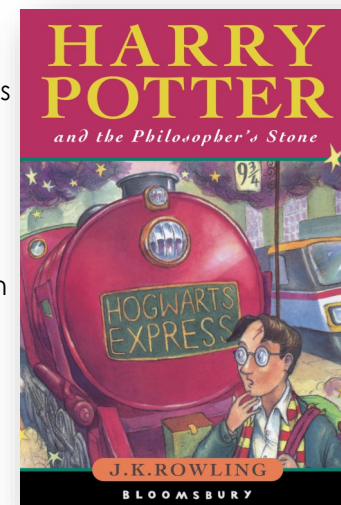
Potion: a poison, a mixture, an aromatic brew, a vapour, a liquid or sticky goo. Welcome to the amazing magical world of potions and their properties...Now scientists, beware! There are some powerful and deadly potions out there - dangerous, unpredictable or plain tragic. Use what you know about materials and their properties to create incredible potions in Professor Hazard's Potions class. Feeling sleepy? Hmmm – that orange juice did taste a little strange...

### Science

We will sort everyday items into solids, liquids and gases. Using our investigation skills we will explore capacity and the properties of liquids. We'll also design fabulous bottles for magical potions. Children will become super scientists whilst investigating chemical reactions and states of matter.

### English

Our English journey will begin with a bit of Hocus Pocus poetry: creating our own spells. After that, we will write fantasy stories based on the wizarding world of Harry Potter (and the Philosophers Stone). Finally, exploring newspaper articles using a model text based on a break in at Gringotts bank!



### Computing

Logical reasoning to explain how algorithms work, will be our main focus as we tackle coding.

### Religious Education

Understand the importance of ceremonies for believers, in which special moments in the life cycle are marked.

### PSHE

We will be studying the human life cycle and how the body changes as well how emotions change when we grow up.

### PE

Developing tag-rugby skills is the focus for our outdoor PE sessions. Children will then be able to show their skills in short tag-rugby games using all the rules! Along side this we will be developing a dance in our indoor P.E. sessions.

### Reading at home - Accelerated Reader

Children will be encouraged to read their chosen book throughout the week in school and at home. They will then complete a quiz (in school) on their chosen book to assess their understanding.

Myon can still be accessed from home. The login is the same as Accelerated Reader.

### Spelling

Please practise the Year 3 and 4 common spelling words, a copy of these have been sent home with your child.



# Homework

Try your best to complete at least 2 pieces of homework this half term. Remember to bring your homework in to school so that we can celebrate your hard work in class.

Design a danger label to warn people about a dangerous liquid or gas.

Write a report or fact-file about solids, liquids and gases that you can find at home.

Make a home-made potion or perfume using things from home. Make sure an adult supervises you.

Research any other books that have a potions theme. Read one and write a short book review.

Write a recipe for your own potion e.g. a shrinking potion.

Design your own potion bottle, including the label. Look for interesting bottle shapes at home for ideas.