



## Monkton CEP School

Class 4

Newsletter

Term 2- Alchemy Island

### **Alchemy Island - A fantasy land!**

Welcome back! This term we will be working on a range of activities linked to our theme of fantasy. Using fantasy texts and images the children will develop their vocabulary and ideas for creating their own fantasy setting which will link into further learning across the curriculum.

We are also swimming this term, every Tuesday, so please remember swimwear will be needed on these days for the next six weeks.

#### **Maths**

This term the children will build on their previous learning about **fractions** as they use multiplication and division skills to calculate equivalent fractions. Year 6 will begin to work on simplifying fractions. Both year groups will add and subtract fractions with the same denominator; Year 6 will move onto understanding how to add and subtract fractions with different denominators. All four operators will be used by Year 6 and both year groups will begin to understand the bar model when solving fraction problems.

#### **English**

In English the children will be developing their understanding of fantasy texts and work on developing their skills with effectively using a wide range of grammatical skills, focussing on verb tense agreement, descriptive phrases, use of clauses etc. They will be writing their own descriptive fantasy story, improving their spelling and punctuation skills as expected for their year group.

#### **Science**

Our topic in science is Solids, Liquids and Gases and through our studies they will be investigating how to separate materials, make observations and record results using appropriate methods such as diagrams, tables, data and graphs. Can you clean dirty water? Do all solids dissolve? Will it erupt? Which materials conduct heat?

#### **ICT**

In computing we will be learning how to design write and debug programmes. They will also be using digital cameras to help with their creative writing work.

#### **PE**

The children will work with Team Theme on a Thursday afternoon; circuit training and each Tuesday we will be working to improve our swimming skills at Herne Bay pool.

#### **RE**

This term the children will be learning about Gospels through our BIG QUESTION "What would Jesus do?" This work will also be complimented with their learning about the Christmas Truce, when they are given the opportunity to consider if enemies can become friends.

## Foundation subjects

**Geography**- Map reading; using coordinates, identifying physical features and following routes using maps linked to our fantasy story work.

**Design Technology**- Electrical circuits; designing a boardgame/building models linked to our learning through our fantasy story writing. The class will be able to use their previous learning about circuits and electrical conductors as they create their models.

**French** - **Notre Monde - The World Around Us**. Through a broad range of activities the class will engage in listening and speaking activities whereby they develop their understanding of French, exploring patterns and sounds of language as they take on their learning in the French language.

**PSHE**- **Heart Smart** - Don't forget to let the love in

## Vocabulary

Below are some words that the children will come across during their learning that they might be unfamiliar with that you might like to help them understand:

*alchemy, citadel, conductor, dissolve, insoluble, irreversible, human features, conductor, reagent, physical features, saturated, solution, soluble, solute, solution, solvent, terrain, tors, reversible change, riddle.*

## Websites

<https://trockstars.com/> - Times Table Rock Stars

bbc.co.uk education (BBC Bitesize) theschoolrun.com nrich.maths.org.com

urbrainy [www.topmarks.co.uk](http://www.topmarks.co.uk) [www.mad4maths.com](http://www.mad4maths.com)

## Special days/ Come join us

Dates for diaries:

- PE is on a Thursday PM;
- Homework - new spellings will be handed out each Monday, then tested on the following week on a Monday.
- Monday 1<sup>st</sup> November - Equalities fortnight
- Tuesday, 2<sup>nd</sup> November - Swimming lessons at Herne Bay
- Tuesday 16<sup>th</sup> November - Theatre Royal trip,
- Friday 18<sup>th</sup> December - Christmas Party & End of Term
- Monday 3<sup>rd</sup> January - Term 3 Starts

*We wish you all a very Happy Christmas and a healthy New Year*