

## Science

In Science during this half term, we will focus on States of Matter.

Children will:

- Compare and group solids, liquids or gases.
- Observe that some materials change state when they are heated or cooled.
- Identify the part played by evaporation and condensation in the water cycle.

## Maths

In Maths during this half term our focus will be on Addition and Subtraction

We will continue to develop our skills in the four operations by:

- Numbers to 100,000
- Subtracting 4 digit numbers that include exchanges
- Learn multiplication facts for 3, 6, 7 and 9 times tables
- Begin to divide numbers
- Use multiplication and division facts
- Factors, common multiples and prime numbers

Whilst learning new skills, children will continue to consolidate their existing knowledge of place value.

## English

In English during this half term, we will be studying Harry Potter and the Philosopher's Stone and Human 2.0. We will also continue to develop our understanding of poetry by looking at *Alternative Santa* by Roger McGough.

We will be writing a range of texts such as:

- Leaflets
- Writing to describe setting and character
- Writing to inform
- 1<sup>st</sup> and 3<sup>rd</sup> person narratives.

Whilst exploring new texts we will also continue to develop our reading skills.



## Geography

In History this half term, our focus will be What Can we Discover about Europe?

We will be:

- beginning to show an understanding of key terms such as Continent, GIS, compass, key, symbol, mountainous, population.
- Look closely at Mountain Ranges and Oceans.
- Understand the Four Major Geographical Regions.

## Deer Class - Autumn 2 Curriculum Grid



## PE

We will be taking part in PE on Tuesday and Friday. The children will need to come to school in their PE kits on a Tuesday. Children (who have been notified) will need their swimming kit on a Friday.

Gymnastics - children will:

- develop a range of acrobatic balances.
- Work with a partner to navigate apparatus
- Show good body tension and extension.

## RE

This half term in RE, we will be learning about The Themes of Christmas.

The children will know and remember:

- That the word secular means non-religious
- Some of the themes of Christmas which are common to both secular and religious celebrations - love, peace, light over darkness, goodwill, joy, giving.

## Computing

In computing this half term, our focus will be learning about Databases and sorting information.

Through this unit we will:

- Design our own flat file databases.
- Use files and records to collect and sort information.
- Compare data visually
- Think about how databases are used in real life.



## Art and design

In DT we will be learning about pneumatic systems

The children design and create a toy with a pneumatic system, learning how trapped air can be used to create a product with moving parts while also building on their design knowledge.

## Personal, Social, Health, Relationship and Citizenship Education

In PSHRCE this term our focus will be on How we can manage our feelings.

Children will learn:

- how everyday things can affect feelings
- how feelings change over time and can be experienced at different levels of intensity
- the importance of expressing feelings and how they can be expressed in different ways
- how to respond proportionately to, and manage, feelings in different circumstances
- ways of managing feelings at times of loss, grief and change
- how to access advice and support to help manage their own or others' feelings

## Music

In Music we will learn to:

- Explore and develop playing skills using the glockenspiel.
- Use new vocabulary such as: improvise, compose, pulse, rhythm, pitch, tempo, dynamics, texture structure, melody
- Perform and share.