



Year Group: 5

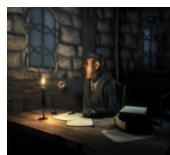
Term: Autumn 1

Teachers: Mrs Campbell and Mr Trotter

## Literacy

**Skills Week**— As the children return after a joyful 6 week holiday, we will spend the first week refreshing our basic grammar skills and refining our joined handwriting— I wonder who will achieve their pen licence?

**Fiction**—the children will produce work based on the short animation 'The Lighthouse Keeper'. They will write from the point of view of the keeper.



**Non-Fiction**—Children will complete a non-chronological report linked to our Geography topic about our Oceans and why they matter.

## Maths:

Our focus will be on place value and the four calculation methods in both arithmetic and written form. We will also continue consolidating multiplication facts for all times tables. Remember to use Times Table Rockstars and Mathletics to practise concepts covered.

## Science:

### Properties and changing of materials :

Materials have different uses depending on their properties and state. We will investigate properties include hardness, transparency, electrical and thermal conductivity and attraction to magnets. Some materials will dissolve in a liquid and form a solution while others are insoluble and form sediment. We will also explore how mixtures can be separated by filtering, sieving and evaporation and how some changes are reversible and some are not.



## Ocean Guardians



### Art:

#### 2D Drawing to 3D Making

Children will look at how drawing and making have a close relationship. Drawing can be used to transform a two dimensional surface and be manipulated to make a three dimensional object. Children can use line, mark making, value, shape, colour, pattern and composition to help create our artwork. Children will use inspiration from artists: Lubaina Himid and Claire Harrup.



**PE:** Children will take part in swimming lessons at Tynemouth Pool. Non swimmers will develop confidence and learn simple strokes while more confident swimmers will improve their technique and stamina.

Class 11: Wednesdays Class 12: Tuesdays

### Computing:

We will learn about screen time issues, privacy, digital footprints, online communities, online bullying, copyright principles, our responsibilities to others, their own online identities, and fake imagery.

## Geography

### Why do oceans matter?

By the end of the unit, children will be able to describe the water cycle, how the ocean is used for human activity and explain how the ocean helps to regulate the Earth's climate and temperature. Children will look more closely at the ocean and identify the Great Barrier Reef as part of Australia. They will be able to describe the benefits of the Great Barrier reef while looking at how humans impact the oceans and the consequences of this. Children will carry out fieldwork at local environment where they will collect data using a tally charts, photographs and a sketch map while suggesting how to improve a marine environment.



### Music: Ukulele

The children are introduced to the ukulele and will learn how to correctly hold it and follow simple music notation. They will explore rhythm and tempo while learning how to play notes and simple chords.



### RE: Why is Moses important to Jewish people?

The children learn about the life of Moses and the significance of him as a man and a leader. They will express their own viewpoints and listen to others.

### PSHE: Relationships

Children will learn about healthy and unhealthy relationships.

Key vocabulary: **Science**— Thermal/electrical insulator/conductor, change of state, mixture, dissolve, solution, soluble, insoluble, filter, sieve, reversible/non-reversible change, burning, rusting, new material **Geography**—oceans environment ecosystem marine coral bleaching **Computing**: attribute, copyright, online, digital citizen, footprint, license, plagiarism, media and social interaction.