

# Oak Class - Curriculum Overview

Spring 2 (2022) - Keep Calm and Carry On

# Mathematics

Our maths topics this half term will include:

**Algebra** - Children will explore simple one-step function machines. This is where they perform just one operation on the input. Children will understand that for each number they put into a function machine, there is an output. They will also be taught to "work backwards" to find the input given the output. So that given a set of inputs and outputs, they should be able to work out the function.

**Converting Measures** – Children will read, write and use a variety of metric and imperial measures. The focus is on converting between units so lots of work on place value will be revised since multiplying and dividing by 10, 100 and 1000 is key. This will support our work in DT as there will be a lot of reading of weighing scales.

Area, Perimeter and Volume – This unit will build on the use of different measures in context and allow the children to apply their skills to a variety of real-life situations. Ratio – we will examine the language of ratio and develop an understanding of calculating scale factors.

### Computing

We will be looking at collecting, interpreting and presenting data using spreadsheet software such as EXCEL. We will be looking at how the software can be used to create a computational model and plan a course of action.

#### English

Our English learning will be made up of a combination of grammar, spelling, reading, handwriting and composition work. We have dedicated reading journals to explore a range of ERIC skills – E(explore) R(retrieve) I(Interpret) C(choice). In these sessions we will continue to examine a range of different texts, many with a WW2 focus, developing our core ERIC skills and building up our fluency so that we feel confident working within a set time limit.

Our writing will focus on writing narratives with a flashback. As always our TfW units will start by learning an oral story, developing a toolkit, boxing up a model and then innovating our own examples. To support this unit of work we will be using a range of stories which use World War II as a context, including 'Goodnight Mr Tom', 'Blitz Cat', 'Friend or Foe', 'War Boy', 'Carrie's War' and 'Rose Blanche'.

### Design Technology

#### How could you dig for victory?

This question will focus on examining rationing by exploring a variety of different recipes so we can evaluate the inventiveness of the Ministry of Food. We will explore how people were encouraged to be resourceful and use everything - waste nothing - in order to support the war effort.

#### PSHE

Our focus this half term is on **relationship and sex education**. The children will examine how puberty brings about changing feelings and relationships with friends and family and consider ways to manage emotions so that they are able to express their feelings and concerns positively.

#### Science

#### How loud does the air raid siren need to be?

During this question we will be looking at how sound is produced by vibrations and how it can be amplified and dampened. There will be a focus on looking at how pitch can be altered and some loud experiments undertaken!

# Home Help

Please support your child by talking to them about their learning in school. Please read and discuss texts with your child as regularly as possible. Every Thursday, reading records are checked and there is a spelling test each Monday (pre-test) and Friday (post-learning).

# History

#### Should children have been evacuated during the Blitz?

We will build on our understanding of WW2, developed last half term, by focusing specifically on the how many children were sent to the countryside in order to keep them safe. We will examine first person accounts of evacuation and write in role, sharing experiences of what it would have been like living with strangers.

### **Religious Education**

Religion: Christianity

Theme: Easter

**Key Question:** Is Christianity still a strong religion 2000 years after Jesus was on earth?

# **Physical Education**

On Thursday and Friday afternoons, we will have our sessions with Active Sports.

Please ensure appropriate outdoor PE kits are in school and that earrings are removed on these days.