**DT**

We will:

* Understand and apply the principles of a healthy and varied diet within the context of WW2 and rationing.
* Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed – considering the barriers to this during WW2 and solutions used at the time.
* Prepare and cook savoury dishes (Lord Woolton’s Pie) using a range of cooking techniques.
* Design and make our own versions of a wartime pie, then taste and evaluate.

**MATHS**

**Algebra**

Children will generalise mathematical concepts and problems, representing them algebraically as expressions, formulae and equations. Children begin by finding rules that govern number patterns. They will represent the rules they find using pictures and abstract written recording, using letters to represent variables within a sequence. Once children are able to find a rule, they will follow a number pattern, find outputs from a given input number and use a rule to find a specific value and answer. Following this, children will investigate and record formulae for finding values linked to mathematical concepts such as the perimeter and area of 2D shapes. Finally, children will solve equations using algebraic notation. They will begin with 1-step equations, move on to 2-step equations where there is one solution, and then solve equations with multiple solutions.

**Decimals**

In this unit, children will draw on their understanding of number and place value in order to calculate with decimals. They will learn to round, add and subtract numbers with up to 3 decimal places; multiply and divide decimals by multiples of 10, 100 and 1,000; multiply and divide decimals by whole numbers; and convert between fractions and decimals. The learning from this unit will support children’s understanding of how decimals and fractions are related.

**Percentages**

This unit focuses on strengthening children’s knowledge of percentages. Children will learn a range of strategies to fi nd percentages of amounts. They will then apply these strategies to convert between percentages, decimals and fractions. They will develop their understanding throughout the unit and ultimately use their knowledge to solve related puzzles and multi-step problems.

**SCIENCE**

**Living things and their Habitats**

Building on previous 'Living Things' units, this Year 6 National Curriculum unit helps children identify the kingdoms of life and to classify living things within those kingdoms. The children will be introduced to the Linnean system of classification and will be able to develop their practical scientific skills though investigating mould growth on bread and mushroom spore dispersal.

**COMPUTING**

**Online Safety Dilemmas**

Children regularly face decisions when they are online and while they may have the knowledge to make the correct choices their behaviours don’t always reflect this knowledge. This activity is aimed at putting children into scenarios they may encounter online and seeing how they would respond.

Spring Term 2

Year 6

**PSHE**

**Don’t Hold Onto What’s Wrong**

We will learn why forgiveness is important, and the barriers and benefits of forgiving.

We will learn how our tone and body language is important.

We will explore what makes a trustworthy friend.

We will reflect on how to get rid of negative emotion

**RE**

**Sikhism – How do Sikhs worship?**

Children will be continuing their learning journey about Sikhism. This half term, they will apply the knowledge they learnt last half term, when looking at the beliefs of a practicing Sikh. They will begin to understand the importance of Khanda, making links to other religions and holding discussions about looking out for one another. In addition to this, they will be introduced to the concept of Langar and look at the origin of this, representing it through a storyboard. In addition to ways of life, they will look at big celebrations like Vaisahki and what this celebration means for Sikhs.

**HISTORY**

**World War II**

**C**hildren will continue learning about WW2. They will look at the important figure, Alan Turing, and find out why he was such an influential person in that time period. They will be exposed to the heart breaking events of the Holocaust and begin to understand the impact that concentration camps had on millions of people. They will delve into facts about D-Day, reading articles and looking at artefacts to gain wider knowledge. Lastly, they will begin to explore why and how WW2 ended and what this meant for several nations afterwards.

**PE**

**Athletics**

The unit in PE this half term is Athletics. Children will practice specific fundamental skills in athletics; running, specifically to improve reaction time and throwing to improve accuracy

Use running, jumping, and throwing skills to work as a part of a team, apply skills learnt effectively in preparation for competition. Developing baton passing and receiving technique, apply effective sprinting technique and apply sprint start technique as the first runner.

.**ENGLISH**

**Narrative**: The Piano.

Children will watch a video called The Piano and base their writing around this. We will be applying our Mastery Targets to write their own Flashback Narrative. Children will be focussing on using figurative and emotive language, cohesive devices, adverbs and modal verbs for possibility and relative clauses.

**Non-Fiction**: Letter

**Shared Reading:**

Letters From The Lighthouse by Emma Carroll.

 **MUSIC**

In music, children will explore their creativity side by listening to a range of music genres and finding the beats to the songs using their bodies. They will identify features of musical theatres in a range of songs, before discussing their favourites with their peers. When doing this, they will be exposed to new language such as “motif” and “leitmotif” which they will use accurately when explaining their thoughts.