

# Year 6 Half Termly Overview- Autumn 1

## Maths

This half term we will be learning about place value- how to recognise the place value of each digit up to 10,000, 000 and being able to partition a seven digit number. We will also be identifying numbers up to three decimal places and rounding numbers. We will also be finding 1, 10, 100, 1000, 10,000 and 100,000 more/less than a number. We will be learning about different mental addition and subtraction calculations and adding and subtracting whole numbers and decimals. The focus for multiplication will involve multiplying numbers up to four digits and numbers with two decimal places by a single and a two digit number. The focus for division will involve dividing three and four digit numbers by a 1 and 2-digit number (including those with remainders).

## English

This half term, our learning will be based around the text, 'Goodnight Mr Tom.' Throughout the unit, we will be exploring the main characters in detail and demonstrating an understanding of the characters, supporting our points with evidence, making predictions and drawing inferences around character thoughts, feelings, and actions. The information gathered about these characters will then be used to help us write diary entries and letters in character roles. We will be exploring unfamiliar vocabulary and we will focus on analysing techniques the author, Michelle Magorian has used in the book. Our grammar skill focus will be to investigate and collect a range of synonyms and antonyms (e.g., mischievous, wicked, evil, impish, spiteful, well-behaved) and to explore, collect, and use modal verbs to indicate degrees of possibility (e.g., might, could, shall, will, must). We will also be looking at how the author blends action, dialogue and description within sentences and paragraphs to convey character and advance the action.

Our final outcome for this unit will be to be able to write our own extended narrative stories, which includes: a range of synonyms and antonyms, vocabulary typical of formal and informal speech and writing, question tags, subjunctive forms for formal speech and writing, a blend of action, dialogue and description within sentences and paragraphs to convey character and advance the action, modal verbs, words from the Year 5/6 list spelt correctly in context and World War II vocabulary

## Theme

This half term, our theme title is, 'World War Two' with the main subjects being history and D.T.

In history, we will be learning about how World War Two began. We will be learning about Adolf Hitler - who he was and what his ideology was- and we will be looking at his childhood and his book Mein Kampf. The children will be studying the effect his ideology had on the people of Germany and on other countries. Our learning will also focus on the British civilians during WW2 and discover how the lives of adults and children were impacted. The children will be looking at propaganda and its effects as well as food rationing, the women's land army, blackouts, the Blitz and evacuation. We will also explore how World War Two impacted the North West region. We will also be learning about the Holocaust and Ann Frank.

In Science, we will be learning about evolution and inheritance. We will explore how animals and plants are adapted to the environment in which they live. We will learn that adaptations occur over time and that may lead to a species evolving. We will consider how certain adaptations occur in response to environmental conditions. We will also be learning about natural selection and how this links to inheritance and how some characteristics are inherited from parents and some are not. The children will consolidate previous learning on fossilisation and understand how studying fossils has helped explain the theory of evolution

In R.E. we will be learning about Christianity with a focus on God and thinking about, 'How do Christians mark the 'turning points' on the journey of life?' We will explore the church as a community of believers and examine how rites of passage reflect their commitment and relationship with God. The children will analyse beliefs, teachings and values and how they are linked by exploring the key sacraments in a Christian's life

Our PSHE learning will focus on the theme of relationships. Throughout this, we will learn about families and friendships (attraction to others, romantic relationships, civil partnership and marriage), safe relationships (recognising and managing pressure; consent in different situations) and respecting ourselves and others (expressing opinions and respecting other points of view, including discussing topical issues. **Please see the additional information regarding our PSHE learning for this term, which outlines in more detail the objectives we will be covering.**

In D.T. we will be learning about cooking and nutrition. Throughout this unit, we will be learning the following skills:

- Writing a recipe, explaining the key steps, method and ingredients.
- Facts and drawings from research undertaken.
- Following a recipe, including using the correct quantities of each ingredient.
- Adapting a recipe based on research.
- Working to a given timescale.
- Working safely and hygienically with independence.
- Evaluating a recipe, considering: taste, smell, texture and origin of the food group.
- Taste testing and scoring final products.
- Suggesting and writing up points of improvements in productions. Evaluating health and safety in production to minimise cross contamination.

In Spanish, we will be learning how to introduce ourselves, explain how we are feeling, give important details about ourselves and say what we like/dislike about our school subjects.

Our P.E. unit this half term is invasion games with a focus on the skills of attacking and defending and dance.

In music, the unit is focused around one song: Happy, a Pop song by Pharrell Williams. We will listen and appraise the song Happy and other songs in different styles about being happy and learn and/or build on our knowledge and understanding about the interrelated dimensions of music through: Warm-up games, flexible games, learning to sing the song with vocal warm ups, playing instruments with the song, improvising with the song, composing with the song and finally, performing the song.

In computing, we will be investigating computing systems and networks. The key skills taught throughout this unit includes:

- Learning about the history of computers and how they have evolved over time.
- Using past experiences to help solve new problems.
- Writing increasingly complex algorithms for a purpose.
- Debugging quickly and effectively to make a program more efficient.
- Remixing existing code to explore a problem.
- Changing a program to personalise it.
- Evaluating code to understand its purpose. Predicting code and adapting it to a chosen purpose.
- Using search and word processing skills to create a presentation.
- Understanding how search engines work.
- Understanding the importance of secure passwords and how to create them.
- Using search engines safely and effectively.

## Spelling Focus:

This half term, we will be focusing on the following spelling rules:

- words ending with -ible and -able (as in respectable, incredible)
- using 'ei' or 'ie' (as in glacier, receipt)
- words with silent letters (as in doubt, autumn)
- homophones (as in whether, weather)