

Year 7 Autumn 1:2

English

In the second half-term Year 7 will be studying the following books: "The Wolves In The Walls" and "The Day I Swapped My Dad For Two Goldfish" by Neil Gaiman, and "A Christmas Carol" by Charles Dickens. Pupils will recap that stories have underlying themes: fears, family dynamics; they will identify metaphors in a text and create their own in their stories; they will use dictionaries, context and a thesaurus to develop new vocabulary. They will also explore the conventions of the traditional ghost story; identifying underlying themes and character motivation; creating pen portraits of the main characters in the story; creating their own ghost stories, writing for a chosen audience. Throughout the term they will develop their skills of planning, drafting, proof-reading and editing their own work.

Maths

In this half-term Year 7 will find outputs of simple and complex functions in words and symbols; simplify simple linear algebraic equations by collecting like terms; construct expressions using all four number operations; substitute integers in simple formulae. They will explore transformations of shapes: rotate shapes using fractions of turn; explain the term congruent and demonstrate the in congruent shapes corresponding sides and angles are equal. They will interpret information from simple real-life graphs – temperature, rainfall, conversion graphs. They will also read and plot co-ordinates in all four quadrants; generate and plot first quadrant coordinates that satisfy a simple linear rule.

Science

Pupils will already be aware of the life cycle of humans and plants. Pupils will be shown the male and female reproductive system, they will learn to label the parts of the male and female reproductive systems. Pupils will be able to name some of the changes experienced by males and females during puberty. Pupils will know that the sperm and egg cell are specialist cells which are specialised in their function. Pupils will be able to identify their specialisms and label a diagram of an egg cell and sperm cell. Pupils will be able to describe the process of fertilisation. Pupils will understand the stages of development during a healthy pregnancy.

Geography

In this half-term Year 7 will: explain how height is shown on a map and identify contour patterns; use aerial photos to describe features and land use; locate places on an OS map; compare ground level photos with an OS map; and follow a route on an OS map.

History

In this term, pupils will continue studying The Norman Conquest. This will involve understanding what is meant by a 'motte and bailey' castle'. As part of their curriculum, they will visit Mountfitchet Castle in Essex, where they will recall some of the weapons, methods and tactics used to get into a castle. Pupils will explain the purpose of the Domesday Survey. They will then examine the feudal system and be able to illustrate exactly how it worked.

PSHE/RE

In PSHE this term we will be focusing on identity and communities. We will be discussing what makes up someone's identity friends, family, hobbies, interest, clubs, places, gender, faith, race and culture concluding on 'who am I?' Discussing how no family is perfect and list ideas of young people and adults can live in harmony. Studying images that represent Britain today and thinking about how prejudice might be challenged.

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Art/DT	P.E.	Food Technology	Spanish
<p>This term pupils will be studying sculpture inspired by Claes Oldenburg. Pupils will research and learn about the work of the artist and go to a gallery to see real life sculpture. Pupils will conclude by designing and creating their own sculpture inspired by the artist's work.</p>	<p>In P.E. this term we will be completing the fitness and handball unit. In fitness sessions we will focus on improving our general fitness, using interval style activities. When playing handball, we will learn the rules of the game, practise strategies such as handling the ball, and focusing on how to play together in a team, utilising the strengths of our teammates.</p>	<p>In Food Technology this half-term we will be looking at how products are developed from design briefs and specification. Understand the difference from a 'want' and 'like' in regards to a food product and the links to dietary needs for age and lifestyle. As we look at these areas, we will be cooking a range of products including baking cakes and festive foods.</p>	<p>In this term, pupils will be giving basic opinions in Spanish. They will be introduced to Spanish. They will explain the differences between masculine and feminine, singular and plural nouns. Pupils will be introduced to the use of conjunctions to start composing longer sentences. Pupils will explore different Christmas traditions in Spain.</p>

