

Year 5 Curriculum Overview – Autumn 2

Maths

In maths this half term, we will be learning to identify multiples, factors, prime numbers, square numbers and cube numbers. We will also learn how to multiply up to four digits by a two-digit number using formal written methods. We will then learn how to divide up to four digits by a one-digit number using the formal written method of short division. Finally, we will learn how to multiply and divide numbers by 10, 100 and 1,000. Alongside this, in our basic skills sessions, we will secure fluency in multiplication facts and corresponding division facts. We will multiply pairs of multiples of 10 and multiples of 100 by a 1-digit number.

English

In English this half term, we will be writing for a variety of audiences and purposes. This will include writing a script for a news broadcast linked to our class book. We will also write from the perspective of different characters in Alfred Noyes' poem The Highwayman. We will continue to learn spelling rules and common exception words weekly (see spelling overview) as well as revisiting the words from Year 3/4. We will also continue to read our class novel 'The Boy at the Back of the Class' during our reading sessions.



Music

In music this half term, we will sing from memory with confidence as part of our Christmas performance.

PE

In our PE sessions this half term, we will be working with a visiting coach. We will be applying our skills in a variety of sports and games.

RE

In RE this half-term, we will explore the beliefs and practices of Muslims.

Spanish

In Spanish this half-term, we will make a presentation about our family in both spoken and written form.

Science

In science this half term, we will be learning about forces. We will investigate gravity and learn about the significance of Isaac Newton. We will also investigate the effects of air resistance, water resistance and friction. We will learn how to use a Newton meter to measure forces.

Geography

In geography this half term, we will learn about our local area and how land has been used. The children will explore the local area and then create a 6-figure grid reference map to show the physical and human features in Springwell Village. The children will then compare Springwell Village to another village in the UK.

Design Technology

In DT this half term, we will use the internet to research ideas for a Christmas toy. We will consider the design, materials used and cost. We will then design, make and evaluate our own Christmas toys.

PSHE

In PSHE this half term, we will be discussing feelings and emotions, healthy relationships and healthy lifestyles.