

Year 5 learning - Spring term

Science

This term's learning in science will mainly focus on materials. Children will learn to categorise materials in different ways, explore thermal insulators and conductors, electrical insulators and conductors, solubility and reversible/irreversible changes.

Towards the end of the term, children will combine their learning with PSHE and learn about changes in the human body through puberty and adolescence. More information about what children will be learning in these sessions can be found on the school website: <https://www.astoncofe.co.uk/curriculum-subjects/pshe>

Languages

Our Spring learning in Spanish will be all about clothes. Children will learn how to read, write and pronounce regular verbs for clothing items in Spanish. Children will also begin reading, writing and translating whole sentences that include clothing items they like to wear and adjectives that describe them.

Music

Musical skills will be developed using the Charanga scheme of learning. Throughout the term, children will learn to appraise, improvise, compose and perform songs and music based on 'Make you feel my love' by Adele and 'Fresh prince of Bel Air' by Will Smith.

DT

Children will develop skills in measuring, cutting and joining as they learn all about frame structure in the second half of the Spring term.

Computing

Computing will see children develop presentation skills using spreadsheets through Purple Mash.

English

Children will continue to build their vocabulary through robust vocabulary instruction (RVI) weekly. Vocabulary is explored through both reading and writing.

We will continue to read a wide range of texts to build word reading and comprehension skills. Each week will have a slightly different focus. We will also continue to read a class story - children enjoyed Pigheart Boy and I am sure they will be equally enthralled by The Nowhere Emporium!

The development of writing skills over the term will be achieved through different types of writing: persuasive text focused on pollution; a narrative based on Michael Morpurgo's I believe in Unicorns; a balanced argument about screen time for children; poetry through the Malfeasance.

Art

Abstract art will be the focus in the Spring term. Children will be developing their painting skills and creating pieces of art in a similar style to Kandinsky and Matisse. This is a lot of fun and children will enjoy making links between art and music.

Geography

Children will access swimming lessons through Aston Leisure Centre throughout the Spring term. This will be in place of the usual indoor PE lessons. Outdoor PE lessons will focus on developing games skills in basketball and cricket.

Religious Education

Throughout the Spring term, children will learn about 'People of God.' This will involve looking at developing lessons for living life through an in-depth study of the ten commandment and why they might be deemed necessary. Children will also learn about the death of Christ and his resurrection, and make links to salvation as we approach Easter.

Maths

We will be using White Rose Maths resources as we continue towards our aim developing mastery in maths. Children will begin the Spring term by exploring fractions. They will then move on to multiplication and division – including multiplying by a 2-digit number. Children will then return to fractions where they will begin learning decimal and percentage fraction equivalents.

History

Children will revisit their learning from KS1 about Victorian Britain and explore the life of children in greater detail. They will be looking at work, school and day to day living standards for children during the Victorian era.

Geography

Children will continue to develop their geographical skills in the second half of the Spring term. They will continue to build their mapping skills using Digimaps and will explore 4 and 6 digit grid references, make reference to 8 point compass and use fieldwork to explore the local area and make comparisons to Victorian Britain.

PSHE

PSHE learning will initially focus on goals and dreams where children will look at what they hope for in their future and compare those aspirations to children in other areas of the world. The focus will then switch in the second part of the term to why living a healthy lifestyle is important.