

ICT

Following on from a brilliant start in the Winter term, the students will be introduced to Excel. Initially we will look at identifying grid squares, followed by simple data inputting and hopefully by Easter the students will have made a graph using Excel and done simple sums using the Excel calculation functions. We will also continue to review our Word and PowerPoint skills. Alongside ICT skills we will continue to look at how to be safe online, consisting of dangerous websites, online scams, social media and excessive screen time.

English

As we have now finished Harry Potter and the Philosopher's Stone, we will move onto A Series of Unfortunate Events by Lemony Snicket as our class book. Alongside practicing basic reading and writing skills, the students will learn how to write persuasive letters to specific criteria. After that the class will be introduced to a range of famous poems, and will then attempt to write their own poems using rhyming couplets. After February half-term we will read and write explanation texts as well as discussing the relative merits of specific organisational markers. We will also continue to develop our speaking and listening skills.

Science

This term will focus on Physics. We will initially start with learning about compasses and magnets, which will include making our own electromagnets from scratch. We will then learn all about Isaac Newton and his discovery of gravity. We will learn what gravity is and the effect of balanced and unbalanced forces on motion. After February half-term we will focus on wireless technology, particularly relating to analogue and digital signals, followed by car safety features.

Spring Term

Upper Formal 4

Christina Young

Other Curriculum Areas

Food Tech

P.E.

Other Curriculum Areas

Out and About

Zones of Regulation

Geography

At the beginning of Spring term the students will complete their fieldwork notebooks, where they are collecting data on the environmental impact of commuting to Welburn. Once completed, we will move onto our new topic called 'Dynamic Earth' all about plate tectonics, extreme weather and natural hazards. We will learn all about causes, risks, impacts and responses of natural hazards, as well as looking at some fascinating case studies including the Mt St Helens eruption.

Maths

Initially we will focus on money as an essential life skill. We will develop the student's skills from basic money recognition and addition, to answering money maths problems and determining change. After that the students will work on their measuring skills and their understanding of different measurement units. This will include length, weight and volume as well as accurately converting between units. Coming back from February half-term we will look at 2D and 3D shapes, including their names and properties. We will also start to look at more complex properties of shapes including angles and lines of symmetry. This will be consistently accompanied by exam practice.

P.D.E and Careers

In P.D.E we will look at managing emotions. This includes self-esteem, regulating ourselves when we feel emotions strongly, and recognising the characteristics of a healthy relationship. In careers, we will identify skills essential for employability and will practice them including communication, money, ICT and following instructions. After February half-term we will learn all about growing up and how to keep ourselves safe, including physical health, consent and puberty.