

What we are learning this term in M4



English

The majority of English will be covered through the book written by Gene Kemp; *The Turbulent Term of Tyke Tiler*, pupils will hopefully get to grips with this fun story line and at the same time work on different areas within English.

Pupils will continue to build on their English this term such as speaking and listening skills, group discussion and analysing linguistic and literacy features as well as looking at other important strands within English.

As well as this pupils will also work on looking to improve their grammar and spelling through specific targeted lessons.

Parents and carers can help support English this term by asking pupils about what different things they have been learning about and encouraging pupils to maybe find a book to read at their local library that they may find of interest.

Maths

Mathematics at Churchmoor largely follows the National Curriculum covering numeracy, algebra, data handling and shape, space and measure. There will be opportunities to work on standard written methods in the traditional style. There will also be opportunities to problem solve and apply the mathematics they know to an unfamiliar situation.

Pupils will begin the autumn term with a unit on ratio and scale, where they will work towards successfully converting between metric and imperial measures as well as interpreting measurement scales, individually drawing measurements to scale, and using protractors to accurately draw specific angles. Later in the term, pupils will focus on shape properties and work to solidify and expand their Year 7 knowledge of quadrilateral types, angle notation, parallel and perpendicular lines, as well as rotational symmetry. In the latter half of the autumn term, pupils will work to practice standard algebraic techniques including collecting like terms and solving linear equations. The final half of the autumn term will cover the topic of transformations, where pupils will practice constructing and enlarging various types of triangles, as well as reflecting, rotating, and translating shapes.

Students will be aiming to master the basic numeracy skills through repetition over a longer period. In addition to this we will cover types of number (Odds and Evens, Composites and Primes), addition and subtraction strategies and looking at handling Fractions and Decimals with confidence.

Science

This Autumn during science lessons, pupils will be taught the essentials for developing a scientific method of reasoning. Tuition will involve a step by step and hands on guide to scientific methodology. This will include how to make detailed and accurate observations, how to make accurate and reliable measurements, how to evaluate the safety aspects of an investigation, and how to interpret results and draw a conclusion about an experiment. The interpretation of results has cross curricular links with numeracy in mathematics.

Pupils will then learn how to evaluate the validity of their experiment, and learn methods of ensuring that they have made a fair test. They will then be able to put into practice their knowledge by performing their own experiment, producing a practical write up. It is important for the pupils to develop these skills when moving on to studying science at a higher level.

PSVE

This term in Pshce pupils will be covering the topics of drugs and alcohol followed healthy eating, pupils will cover these topics through a variety of video clips and scenarios as well as role play and discussion. Parents and carers can support this subject by offering advice to children should they come home with any further questions relating to the subject.

Music

In music this half term, we will be learning how good listening skills can help us in a range of jobs. We will be evaluating the music we hear using professional vocabulary, and begin to identify the pitch of different sounds or chords. This means using our computer skills to create new sounds, as well as playing some games online.

Design and Technology

Textiles:

Design and make an apron: pupils will have the opportunity to make their own apron which they can use for food technology or art lessons. They will learn about how fabrics can be held together and produce samples of each. They will then look at how to tie-dye to produce different effects. After designing the apron they will make their own paper pattern to help them to understand the process of making a garment. Pupils will be using the sewing machine to make their chosen design.

Food:

Snack Attack: pupils will be looking at the range of savoury and sweet snacks available. They will find out what people in school like by using a questionnaire. They will learn about which nutrients are used by our bodies for different purposes. They will learn about the use of eggs in different foods. Pupils will then test out various ideas before designing and making their own simple snack.

PE

This term pupils will continue to work on teamwork and sportsmanship as well as build on and embed both their basic PE skills but also start to develop their tactical awareness across a variety of sport such as team sports like Dodgeball and Baseball as well as more individual sports such as Badminton, Parents can support pupils by sending them in every week with a clean PE kit (eg a change of t-shirt, jumper either shorts or tracksuit bottoms as well as a comfortable pair of trainers).

Titan training

This term in Titan training pupils will continue to work on their independent travel training, gearing pupils up by becoming more comfortable travelling around on things such as buses, so knowing how to appropriately travel on a bus and how to correctly read a bus timetable etc.

Parents and carers can help support this subject area by chatting with pupils about what they have learnt and covered in this subject area.

RE

This term pupils will be analysing what is right and wrong and linking it to religion as well as looking at religious festivals that are happening across the world and understanding them.

German

This term students will extend their vocabulary building more complex sentences using adjectives, adverbs and expressions of time in different contexts. Doing so, students will have opportunity to practise conversation and translation skills. You can support your child by asking for new phrases each week and to look for language games on-line.

Art

This term we are looking at African and Indian art. Our first project will be inspired by Africa's resourcefulness and the way some art is made from found materials. Pupils will first be creating patterns in relief made from beans, lentils and pasta, experimenting with dying and printing methods on cloth and making jewellery. Inspired by Indian art the second half of term pupils will be working in three dimensions. Small paper pulp vessels will be made and later decorated with pastel colour patterns, gold liner and clear varnish to seal.

ICT

This term the pupils will be learning about computer models and simulations; what they are, their benefits and uses, and their application in different scenarios. After experiencing a range of simulations and manipulating different models, the pupils will carry out creative work using a modelling 'sandbox' application. They will also gain experience of using 'abstract' models (spreadsheets) and learn about how they can be used to explore real-life (or concrete) scenarios. The pupils will also consolidate and extend their understanding of how to be e-safe when using computers and other digital tools.

History

In History the students will explore the Norman Conquest and the structure of Medieval Society. In Geography they will examine the physical and human features of Africa and Asia whilst building up their map reading skills. You can support your child by discussing these topics, e. g. when watching documentations or reading books.