



What are we learning about at CMS?

Autumn 2024



Title: *Clockwork* by Phillip Pullman or *The Twits* by Roald Dahl

Some groups will be exploring one of these texts in detail. Pupils will explore the whole book as a class read and pupils will delve into the finer details about characters, plots and themes in the story.



Title: *Kensuke's Kingdom*

Pupils will be exploring the book by Morpurgo as a whole class read. Pupils will delve into the different aspects of the adventure for Michael and his family. Pupils will look closely at reading skills questions and have opportunities to do written tasks that centre upon key events in the story.



Title: *Year 7 Mastery Oliver Twist*

Pupils will have opportunities to read a shortened version of the novel. They will explore key vocabulary and themes through character portrayal. Alongside this, pupils will have writing lessons focusing upon the necessary skills to make their writing better and grammatically correct.



Title: *Year 8 Mastery Sherlock Holmes*

Pupils will have opportunities to read a shortened version of the novel. They will explore key vocabulary and themes through character portrayal. Alongside this, pupils will have writing lessons focusing upon the necessary skills to maintain their written progress from last year and build upon the foundations.





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Number

This term we are covering lots of number topics. These are:

Place Value looking at numbers to 1,000,000 and rounding.
Addition and subtraction
Multiplication and Division
Fractions

Some helpful links are:

<https://www.bbc.co.uk/bitesize/topics/zsjqtr/articles/z9w3g82>
https://www.youtube.com/watch?v=WYzWyu_jByk
<https://www.mymaths.co.uk/>
<https://myminimaths.co.uk/>

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Number

This term we cover number topics. Using mental strategies and other methods to help us prepare for SATs. These are:

Place value
Addition, subtraction,
Multiplication and Division
Fractions

Our term finished with converting units in a measurement topic.

<https://www.bbc.co.uk/bitesize/topics/zsjqtr/articles/z9w3g82>
https://www.youtube.com/watch?v=WYzWyu_jByk
<https://www.mymaths.co.uk/>
<https://myminimaths.co.uk/>



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Algebraic Thinking and Place Value

This term we are covering lots of algebraic thinking and place value topics. We look at sequences, using algebra, expressions equivalent in value, ordering whole numbers and decimals and fractions.

Useful sites might be:

<https://www.bbc.co.uk/bitesize/subjects/zqhs34j>
<https://www.mymaths.co.uk/>

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Proportional Reasoning and Representations

In our proportional Reasoning topic, we look at Ratio, Multiplicative Change, Multiplying and Dividing Fractions. We then move on to Representation where we study working in the Cartesian Plane and representing our data clearly.

Useful sites might be:

<https://www.bbc.co.uk/bitesize/subjects/zqhs34j>
<https://www.mymaths.co.uk/>





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Living things and their Habitats

We will be learning about the life cycles of plants and how different living things follow different life cycles. We will study the work of Jane Goodall with chimpanzees.

States of Matter

We will be exploring the properties of solids, liquids and gases, and considering how water can change between each of the three states.

6

Animals, including Humans

We will be exploring the different systems of the human body, including the skeleton, circulatory and digestive systems. We will consider what contributes to a healthy lifestyle, and the impact of drugs and alcohol.

Separating Substances

We will be exploring the properties of mixtures and solutions, and consider how we can use different apparatus to separate them.

7

The Cellular Basis of Life

We will be exploring how cells make up all living things, and the structure and function of different cells. We will apply our understanding of cells to explain the process of respiration and photosynthesis.

Matter

We will be exploring the idea of conduction, convection and pressure, and how energy is transferred when substances are heated and cooled.

8

Organisms and their Environments

We will be exploring the difference between food chains and webs, and how we contribute to biodiversity, sustainability and conservation.

Earth Chemistry

We will be exploring how pollution contributes to the formation of acid rain, the impact of chemical weathering and how we can impact the quality of the air.





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Talking about ourselves

This term we are learning to introduce ourselves, we will learn the colours in French and pencil case items with an emphasis on correct pronunciation.



Describing ourselves and others

This term we are learning to give a detailed description of our appearance or the appearance of someone else. Correct spelling and pronunciation of numbers.



School

This term we are learning about all things school: subjects and our opinions of them, giving reasons for those opinions, school uniform and what we think of it and telling the time.



The Past Tense

This term we are looking at the past tense in French. We learn how to conjugate verbs in the past tense, we talk about past events and what we did on holiday.



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Formal Elements and Colour Theory

We are looking at the 7 formal elements in art; line, tone, shape, colour, form, pattern and texture. Pupils will study each one, before creating their own colour wheels. Pupils will then analyse the artwork of Kandinsky, Mondrian and other artists looking at how they use formal elements, before creating their own final piece



6

Portraiture

We are looking at portraiture; pupils will create their own portraits focussing on the skill of proportion. Pupils will use a variety of media including ink, pencil and oil pastel exploring artists such as Opie and Joseph. Pupils will have the opportunity to complete a WOW day activity completing their own large-scale portrait in markers.



7

Henri Rousseau

We are looking at Henri Rousseau; pupils will explore the work of the French artist Rousseau before using a variety of media to complete a jungle inspired final piece. Pupils will look at building their composition skill, and combining media and skill of printing, drawing and painting.

8

Pop Art Food

Pupils will begin to explore a GCSE style project. Pupils will develop their understanding of GCSE Art, exploring and analysing work of Lichtenstein, Warhol and Sarah Graham. Pupils will develop their skill of printing, painting and drawing before creating a final piece





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Key Ring

Students will learn to use a tenon saw, coping saw, pillar drill, file and glass paper to create an MDF key ring.

They will learn design techniques and painting skills to give their product a theme of their choice.



Mardi Gras Masks

Students will learn to transfer a 2D mask design into a 3D product. They will cut their shape mould using scissors/utility knives, files and glass paper.

Students will learn about plastics and use a vacuum former to form their mould which will be tested and evaluated.



Shop Front

Students will use CAD and technical drawing skills to plan an architectural model of a shop.

Students will use craft knives, safety rules and glue guns to turn their 2D designs into 3D models.



USB Biomimicry Light

Students will design and make a biomimicry inspired USB light taking influence from Yinka Ilori.

Students will use a wide range of tools and materials to consolidate all of their learning from previous years.



Resistant Materials



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Bookmark

Bookmark Project – Pupils will work through Health and Safety in the Textiles room, learning to use an iron in order to use and secure Bondaweb. Pupils will learn how to use a hand needle to create different embroidery stitches and attach embellishments to their work.



Tie Dye Bag

Pupils will make a Tie Dye Drawstring Bag by exploring how to dye fabric and construct it into a small drawstring bag. They will use a range of hand stitches to secure the seams and insert the drawstring so that it works correctly.



Costume Design

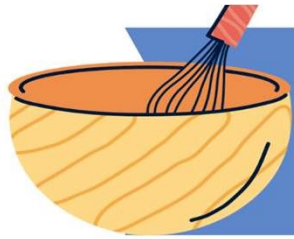
Pupils will explore a range of textiles techniques (couching, weaving, fabric print, embellishment) to make samples based on Alice in Wonderland characters. Pupils will research creative and industrial links beginning to understand how and why costumes may be used



Sustainable Bucket Hat

Pupils will design and make a sustainable bucket hat. Learning about the 6 R's and Global Sustainability Goals. Pupils will experiment with ways to upcycle, reuse and make use of old materials.





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Basic Kitchen Skills

Pupils will learn how to use key tools and equipment through making sweet and savoury products.

They will learn how to be safe in the kitchen and how to follow personal and food hygiene routines.



Making balanced products.

Pupils build on knowledge and skills learnt in Year 5 to produce a range of both sweet and savoury products that meet the requirements of the Eatwell guide.



Foods around the world

Pupils will learn about foods around the world through researching the diets of different cultures.

They will make a variety of savoury dishes building on practical skills.

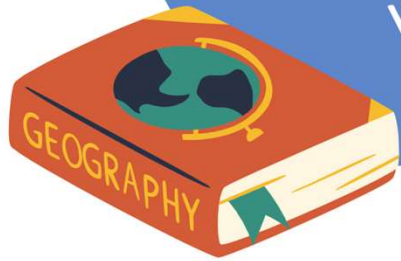


Nutrition

Pupils will learn about food and science and how our body uses nutrition from food.

They will make a variety of sweet and savoury dishes.





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Introduction to Middle School Geography

We are learning to master the basic map skills needed for Year 5 Geographers. Next, we will be exploring the Geography of **Eastern Europe** and learning to use our geographer's skills to compare different diverse places.



Resources

We are learning about the resources that we use; from where resources are obtained, where our electricity comes from and how our activity impacts us and the planet. Year 6 geographers are exploring the concept of sustainability and developing field work skills to investigate our use of resources.



Tectonics

We are learning about Earth's natural processes that shape our world through volcanoes and earthquakes. Year 7 Geographers are exploring how humans respond to natural hazards, describing how and why they happen and comparing different countries responses.



Ecosystems

We are exploring the complexities of Earth's diverse ecosystems and explaining the distribution of key biomes. Year 8 geographers are learning to describe Earth's cycles which influence Biomes and explaining how humans threaten and find opportunities in the Tropical Rainforests.





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5 Who was the Cheddar Man?

We are investigating who the Cheddar man was, using sources as evidence. This will help us work out what Britain might have been like 10,000 years ago.



6 How did the Norman Conquest impact England?

We are looking at the dynamic in England building up to the year 1066 between the Vikings and Saxons.

We will then be exploring what happened in the year 1066 and the consequences of that year.



7 How did European Empires grow in power?

We are looking at how early modern empires such as Britain, Spain and France and how they were able to become so powerful.



8 What caused World War One?

We are exploring the short and long term causes of World War One, looking at the assassination of Franz Ferdinand and the interactions between European powers at the start of the 20th century.





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Musical Elements

Pupils will learn about the musical elements; Pitch, Texture, Timbre, Tempo, Duration, Dynamics, Structure, Silence and Articulation. Pupils will use these elements to create a composition based on an image.

Sea Shanties

Pupils will develop their singing and ensemble skills by learning famous Sea Shanties. They will learn about the history of Sea Shanties and will develop some notation skills.



Ukulele Band

Pupils will learn how to perform chords on the Ukulele. They will then create a group performance of a pop song using the chords they have

Orchestra and the Fanfare

Pupils will learn about the families of the Orchestra and will perform a famous orchestral piece of music. They will then develop composition skills by creating their own fanfare for a special occasion.



The Blues

Pupils will learn about the history and origins of the blues. They will rehearse and perform a solo blues piece on the keyboard. Pupils will then form bands and write their own blues song to perform to the rest of the class.

Form and Structure

Pupils will learn about different types of structure through singing songs in different styles.



Solo Piano Performance

Pupils will develop their two-handed piano technique and solo performance skills by learning Beethoven's Fur Elise on the piano.

Music For Image

Pupils will learn how to compose leitmotifs to represent a film character and will perform their original compositions for the class.





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CMS – Computing Foundations

We will be learning about:

- Logging on and setting up our credentials
- Windows and internet basics
- Using online and offline files
- Introduction to e-safety, including ID protection and messaging



CMS – Computing Foundations

We will be learning about:

- Logging on and setting up our data on Office 365
- Using Cloud computing
- E-safety digital messaging



CMS – Computing Foundations

We will be learning about:

- Logging on and setting up our accounts
- Office 365 + Teams
- Presentation design principles
- Using a MLE to help our learning
- E-safety digital messaging and privacy

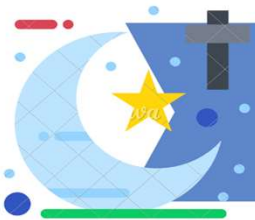


CMS – Computing Foundations

We will be learning about:

- Office 365 + Teams
- Using a MLE to help our learning
- Code.org for personalised programming learning
- E-safety – managing online information





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Pupils develop their skill and knowledge of Religious studies in KS2 through their PER lessons led by Mrs Deas



Pupils develop their skill and knowledge of Religious studies in KS2 through their PER lessons led by Mrs Deas



The Jewish Faith

We will be exploring key beliefs, individuals and celebrations of the Jewish faith.



Islam

We will be exploring diversity in the Islamic faith as well as worship and celebrations.





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Learning 2 Learn

Pupils look at the Codsall Way and the difference between a good student and a good learner and how the learning pit and the school values support their learning

Creation Stories

Pupils look at different religions and their beliefs in respect of different creation stories and the similarities and differences.



Friendships and Relationships

Looking at what different friendships look like and how restorative conversations support repairing arguments. Looking at the different types of bullying and strategies to help.

Religious Rules

Pupils look at different religions and their rules and the similarities and differences.



Discrimination

Looking at key vocabulary and misconceptions and celebrating individuals' identity and that everyone is different, and that diversity is to be celebrated.



Democracy, Law and Crime.

Pupils looking at different crimes and sanctions. Who makes up the current government and their roles, who makes the rules
Pupils having opportunities to discuss their understanding.





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Fundamental skills

Introduction to basic skills, through a variety of sports.

Gymnastics

Developing small routines using a variety of gymnastic actions.



Netball/Football

Developing knowledge and skill application in both sports



Developing game knowledge in Netball and Football

Introducing elements of coaching and umpiring/refereeing



Netball and Football

Application of game specific skills and tactics.

Gymnastics

Learning various skills to include in a trampolining routine/sequence





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Fundamental Skills

Pupils will be taking part in a variety of activities focusing on fundamental skills such as throwing, catching, balance, agility and coordination.

This will help PE staff to get to know our new Year 5 cohort.

6

Football

Pupils will be pre and post assessed focusing on basic skills and techniques needed to effectively play Football.

There will also be a focus on rules of the game.



7

Football

For Year 7 pupils there will be an emphasis on performing techniques under pressure. Pupils will be encouraging to attempt to outwit opposing players using creativity.

8

Football

Year 8 pupils will be expected to use tactics and strategies within a game.

Correct techniques will still need to be applied also in pressure situations within games.

