



# What are we learning about at CMS?

Spring 2025



5



## Space- non-fiction focus

Children will look at the topic of Space as they study it in Science too. They will have an opportunity to do some research about the moon landings and the history of some famous astronauts whilst writing non-chronological reports and using other text types.

6

## Haikus and poems around the world

Children will study haiku poems and look at their structure. They will attempt their own haiku whilst exploring other poems to compare from different genres and places around the world.

7

## Midsummer Night's Dream- Shakespeare

Pupils will explore the play through drama and translation into modern day English. Pupils will have an opportunity to delve into character relationships and the plot with a specific focus upon individual character portrayal in the assessment.

8

## The Tempest- Shakespeare

Pupils will have an opportunity to explore the play and make sense of it through drama and translation to simplified language. Pupils will have an opportunity to understand how characters interact in the play and the relationships shown throughout the play. Character portrayal and their effect will be the focus of the assessment.





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## Number and Measure

Multiplication and Division  
Fractions  
Decimals and Percentages  
Perimeter and Area  
Statistics

Some Helpful Links:

[Multiplying and dividing - KS2 Maths - BBC Bitesize](#)  
[Fractions - KS2 Maths - BBC Bitesize](#)  
[Percentages - KS2 Maths - BBC Bitesize](#)  
[How to work out an area - BBC Bitesize](#)



## Number and Measure

Ratio  
Algebra  
Decimals  
Fractions, Decimals and Percentages  
Area, Perimeter and Volume  
Statistics

Some Helpful Links:

[Algebra - KS2 Maths - BBC Bitesize](#)  
[Ratio - KS2 Maths - BBC Bitesize](#)  
[Fractions - KS2 Maths - BBC Bitesize](#)  
[Area and volume - KS2 Maths - BBC Bitesize](#)



## Applications of Number

Solve Problems with Addition, Subtraction, Multiplication and Division.  
Fractions and Percentages of Amounts  
Operations and Equations with Directed Number  
Adding and Subtracting Fractions

Some Helpful Links:

[Positive and negative numbers - KS3 Maths - BBC Bitesize](#)  
[Learn how to work out a fraction of an amount - KS3 Maths - BBC Bitesize - BBC Bitesize](#)  
[Standard index form - KS3 Maths - BBC Bitesize](#)



## Algebraic Techniques and Developing Number

Brackets, Equations and Inequalities  
Sequences  
Indices  
Fractions and Percentages  
Standard Index Form  
Number Sense

Some Helpful Links:

[Expressions and formulae - KS3 Maths - BBC Bitesize](#)  
[Standard index form - KS3 Maths - BBC Bitesize](#)





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## Earth and Space

We will be learning about our Earth's position in the Solar System, how we experience night and day, the movement of the Moon around Earth and other spherical bodies found in our Solar System



## Electricity

We will be exploring the different symbols used in circuits and how to build and troubleshoot different circuits that are fit for a purpose.

## Evolution and Inheritance

We will be exploring the Theory of Evolution as explained by Charles Darwin, including inheritance and the evolution of humans. We will also explore how living things have adapted over time.



## Particles and Structure

We will be learning about the particle model in solids, liquids and gases, including the atomic model. We will explore how chemical reactions can be represented using formulae and use this idea to explore the law of the conservation of mass.

## Heredity and Life Cycles

We will be learning how genetic information is passed on from parent to offspring, and we will explore both sexual and asexual reproduction



## Environmental Chemistry

We will be learning about the impact of fossil fuels on our environment and considering alternatives to these. We will apply our knowledge by designing an eco-friendly house.

## Electricity and Magnetism

We will be revisiting the different symbols used in electrical circuits, and exploring the units used in electricity. We will learn about the properties of magnets, and link the two ideas together by exploring electromagnets.





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## Still Life

Pupils will build on their knowledge of abstract art looked at in formal elements, and explore a range of materials to build their observational drawing skill. Pupils will explore the work of different artists before creating a mixed-media printed final piece.



## Art Through The Ages

Pupils will explore a range of art and artists through time. Pupils will look at how art has been made over the years and what changes have effected art. Pupils will look at different cultures before finishing off on their Medieval Illuminated letter.



## Gothic Literature Gothic Imagery

Pupils will develop their English knowledge and skills of Gothic literature; exploring the Tell Tale Heart by Edgar Allan Poe. Pupils will create a variety of work based on the short story before completing a linoprint 'Vulture Eye'



## Pop Art Food-African Masks

Pupils will continue to explore a GCSE style project. Pupils will develop their understanding of GCSE Art, During the second half of spring term pupils will develop their understanding of different African masks, the culture and religion surrounding these masks before making their very own 3D inspired mask.





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## Phonics

This term we are looking at developing French phonic awareness and becoming more confident speakers of French. We will link this to colours and classroom objects.



## The Weather and Carnival

This term pupils will be revising days, months and seasons. They will learn compass points and weather expressions and be able to deliver, in French, a weather report. We will then look at how Carnival is celebrated across French speaking countries.



## Sports and activities

This term pupils will be learning to say which sports and activities they do and how often. They will be able to give their opinions on various activities. We will continue our grammar work on present tense verbs.



## Festivals and food

This term pupils will be describing a festival. They will learn to buy food at a market. They will also be looking at a special meal/recipe and giving their opinion. We will start looking at how to talk about future events in French





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## KEY RING

Students will learn to use a tenon saw, coping saw, pillar drill 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.



## MASKS

Students will learn about Mardi Gras and design and make a mask in this style.

Students will learn about plastics and use a vacuum former to form their mask which will be decorated in a Mardi Gras style.



## SHOPS – unit 1

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.

## PENCIL HOLDER – unit 2

Students will design and make a pencil holder from pine. Students will learn about different types of woods and use a range of tools and equipment to make their finished piece.



## USB LIGHT – unit 1

Students will design and make a prototype of a product taking influence from their choice of iconic designer. Students will use modelling materials to make a prototype of their designed product.

## ISOMETRIC LETTERS – unit 2

Students will learn a range of technical drawing techniques. Students will create a customer profile and research the work of Morag Myerscough.

Students will then combine these skills to make a 3D letters.



Resistant Materials



# What are we learning about at CMS?

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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.



## 2. Fabric Monsters

Pupils will be designing and making a fabric monster. They will be encouraged to be as creative as possible to ensure that they can stretch their technical skills yet further. Pupils will have access to both hand stitching and the sewing machine.

Please note due to rotation changes pupils may be completing project 1 or 2 this term.



## 2. Electronic Textiles

Pupils will be using both their creativity and technical skills to design and make fabric pouch. The pouch will need to have an LED incorporated into the design. The electronic circuit will be created through a range of stitches using conductive thread.

Please note due to rotation changes pupils may be completing project 1 or 2 this term.



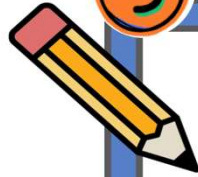


# What are we learning about at CMS?

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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.

6

## 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.

7

## Foods around the world – Unit 1

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.

## Celebrations – Unit 2

Pupils will build upon knowledge and skills acquired during unit 1 to design and make a menu for a themed event.

8

## Nutrition – Unit 1

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.

## Seasonal Foods – Unit 2

Pupils will build upon knowledge and skills acquired during unit 1 to design and make a three-course meal.







# What are we learning about at CMS?

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## Water, Weather & Climate

Year 5 geographers will be learning about the water cycle. We will be making links between the water cycle and our weather and exploring what our climate is like in the UK and what happens when our weather becomes a wild.



## Biomes

Year 6 geographers will be exploring the different groups of global ecosystem. We will learn about their location, their flora and fauna, and about some factors which affect their location. We will explore links between humans' use of natural resources from last term and our impact on different biomes.



## Development

Year 7 geographers will be learning about how life is different for people around the world. We will explore patterns in global development, how development is measured and what influences uneven development. We will consider also Aid and the role of NGOs.



## Population

Year 8 geographers will be exploring patterns in World and UK population. We will learn about trends in population growth and the possible consequences of change. We will consider why people migrate and how governments manage population growth in developing and more developed countries.



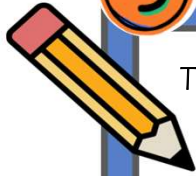


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## The Fall of the Roman Empire

Pupils will be exploring various aspects of the Roman Empire such as how it began and the types of citizens within it. This will then build to us analysing the causes behind how one of the world's mightiest empires collapsed.

6

## The First Crusade

Pupils will be exploring the build up to and the events of the first crusade. We will be finding out about the different groups who fought, what their motivations were and what happened when battle began.

7

## Lives of Indigenous peoples

We will be building directly on from our previous topic on the rise of European empires, looking at how those European empires impacted the lives of indigenous peoples in the lands they conquered. We will be looking at a range of indigenous peoples from countries such as Canada, Australia and Mexico.

8

## The Rise of Hitler

We will be building upon our knowledge of WW1 to look at how the inter-war years led to the rise of Adolf Hitler and the Nazi party. We will then focus on the treatment of members of the Jewish faith within Nazi Germany both before WW2 and during.





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## Musical Patterns

Pupils will learn about the musical styles of Indonesian Gamelan and West African Drumming.

Pupils will continue to develop their ensemble skills by performing as a class and will understand how patterns are used in music.



6

## Orchestra & Fanfare

Pupils will continue to develop their understanding of musical elements whilst learning composition basics.

## Singing Around The World

Pupils will develop their understanding about global genres of music whilst singing.

7

## Form & Structure

Pupils will develop their singing skills whilst learning about different musical structures.

## Composing a Melody

Pupils will use their musical knowledge to develop their own compositions



8

## Music For Film

Pupils will be learning about the different types of music used in film as well as some of the great film composers.

This knowledge will then be applied in the composition of a leitmotif.

## Reggae Music

Developing understanding of Reggae music through playing and singing.





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## Programming – STEM – Moon landing

This unit explores the concept of programming through Scratch. Linking to the space theme taught in Science, we explore different features of programming, our own rockets, moon landers to rovers.

6

## Programming – Variables in scratch

This unit explores the concept of variables in programming through games in Scratch. First, learners find out what variables are and relate them to real-world examples of values that can be set and changed.

7

## Using media

They will develop a deeper understanding of information technology and digital literacy by using their skills across the unit to create a blog post about a real world cause that they are passionate about and would like to gain support for.

8

## Mobile app development

Today, there's an app for every possible need. With this unit you can take learners through the design and development process of creating their own mobile app, using App Lab from code.org. Learners will explore design techniques, understand how hardware components can improve user experience.



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

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**Christianity**

During this topic, we will be building on our prior knowledge of Christianity to explore the story of Jesus and his teachings.



**Sikhism**

We will be exploring Sikhism faith, looking at various elements such as the key beliefs, worship and the role of the Guru's.





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**5**

**Football**

Introduction to basic techniques.

Applying rules to small sided games.



**6**

**Table Tennis**

Embedding the backhand and forehand push technique in isolated practices.

Starting to apply the push technique into games.

**Handball**

Introduction to fundamental techniques and applying them to the game.



**7**

**Table Tennis**

Beginning to apply forehand and backhand shots into gameplay.

Introducing the forehand and backhand drive techniques.

**Handball**

Application of techniques and rules of the game



**8**

**Table Tennis**

Using a variety of shots and techniques in both doubles and singles gameplay.

Making effective decisions when selecting shots under pressure

**Handball**

Use of tactics and decision making within games.





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## Creation Stories

Pupils will investigate 'Creation Stories' from different religions (Christianity, Hinduism, Sikhism, Islamic, Chinese Mythology and the 'Big Bang') and be able to identify the key points and similarities.



## Religious Rules

Pupils will investigate different religions and the rules that a follower participates in to practice their faith.



## First Aid

To look at different scenarios such as Asthma, Cuts, Burns, and how to treat.



## Mental Health and Wellbeing

To look how different situations can affect a person's mental health and strategies to support

### Careers

To look at different routes into the job market, careers options, options for yr9

