Year 7 Autumn 2

CURRICULUM NEWSLETTER

MATHS

This half term in Maths, Year 7 will be strengthening their skills with the **four operations** , including adding and subtracting integers and decimals, multiplying and dividing by powers of 10, and applying efficient methods to multiply and divide whole numbers and decimals. They will also revisit the order of operations to solve calculations accurately.

In **statistics** , pupils will learn how to find and interpret the mode, mean, median, and range, and use these to solve real-life problems involving data.

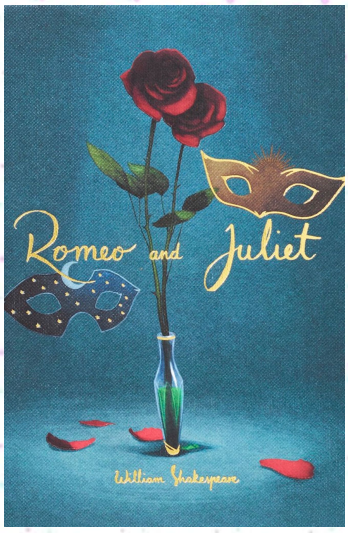
Finally, in **rounding and estimation** , they will practise rounding to significant figures, estimating answers to check reasonableness, and begin to use error interval notation to show the degree of accuracy in their answers.

SCIENCE

This half term, Year 7 pupils will develop their scientific knowledge through the study of two key topics: *Organisms* and *Forces*.

Pupils will begin by exploring how living organisms are structured, investigating the relationship between organs, tissues and cells. They will examine the similarities and differences between plant and animal cells.

During the second part of the half term, pupils will move on to the study of forces, learning how to identify, describe and measure different forces. Through practical investigations, they will explore how forces affect the movement and behaviour of objects.



ENGLISH

This term, the children will be diving into the world of William Shakespeare as they study Romeo and Juliet. For many, this will be their first encounter with one of Shakespeare's texts, and it's sure to be a memorable experience. Along the way, the children will explore the themes, characters and dramatic twists of this famous tragedy through lively discussions, interactive drama activities and creative writing activities.

MFL - SPANISH

This half term, pupils will continue developing their ability to describe where they live, building on their knowledge of different types of homes and locations. They will learn vocabulary for rooms in the house and develop their grammatical skills by moving from the present tense to the conditional tense. Pupils will then have the opportunity to design their dream home and describe what it would be like in Spanish, applying their new vocabulary and grammar.



HISTORY

This half term, Year 7 pupils will continue their study of the First World War, exploring its impact on Britain and its people. They will investigate life in the trenches, examining the conditions faced by soldiers and the role of propaganda in encouraging men to enlist.

Pupils will also explore how the war changed the lives of women on the Home Front, with a particular focus on the important contributions women made to local industries across the Black Country. To conclude the topic, pupils will use their historical knowledge to assess the impact of the First World War on British society.

GEOGRAPHY

As the weather here in the UK gets wetter and colder, Year 7 pupils will continue their study of the Middle East. We will explore how sustainable Dubai is and compare it with the ultra-modern city of Masdar. Pupils will investigate the importance of oil to the Middle East and discover just how much we rely on it in our everyday lives, from toothbrushes to medicines and so much more! To finish the topic, we will debate whether Qatar and Saudi Arabia should have been awarded the football World Cup. This provides a fantastic opportunity for pupils to research contrasting arguments, develop their critical thinking skills and present their own well-reasoned conclusions.



PE

This half term, pupils will continue to develop their skills in invasion games, with a particular focus on netball and rugby. They will work on applying the skills learnt during year 5 and 6 in game situations.

We also have our Santa Dash taking place on Friday 11th December for all pupils. It's a great opportunity for pupils to get into the Christmas spirit and raise money for extra-curricular opportunities in school.





RE

During the Autumn Term, Year 7 will continue their study of Worldviews. They will be exploring the concept of a worldview and how beliefs, values, experiences and culture shape the way people understand themselves, others and the world around them. Students will explore a range of religious and non-religious worldviews, considering both the similarities and differences between them, while developing an appreciation of the diversity of perspectives within society. They will also have opportunities to reflect on their own developing worldview and the factors that influence it.

DESIGN AND TECHNOLOGY

This term, Year 7 pupils will develop their practical workshop skills through the Skills Stand project. They will have the opportunity to design and make their own phone or book stand, using a range of techniques to construct and decorate their finished product.

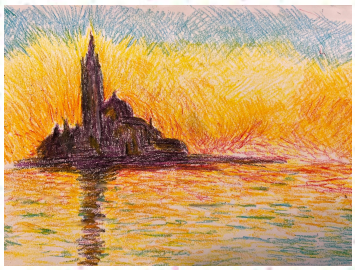
Throughout the project, pupils will develop their confidence in skills such as sawing, sanding, drilling, painting, decoupage and screwing, as well as learning how to make and use dowel peg posts. They will also learn how to work safely and accurately with a range of tools, equipment and materials.

ART

This half term, pupils will build on their developing skills in colour mixing and painting techniques as they explore the artistic movement of *Impressionism*. They will study a selection of Impressionist artworks, examining how artists use colour, light and brushwork to capture different scenes and moods.

Pupils will then select an artwork to recreate, applying their technical skills to produce an artist copy before developing their own creative response inspired by the movement. Throughout the project, they will continue to refine their painting techniques, build their artistic confidence and develop a deeper understanding of Impressionist art.





PSHE & RSE

This half-term, pupils will complete their 'Being Me in My World' topic, reflecting on their identity, relationships and responsibilities within their school community.

They will then move on to 'Celebrating Difference'. Pupils will explore prejudice, discrimination, stereotypes and the importance of equality and human rights. They will consider the influence of others, the role of bystanders and how to challenge negative attitudes and behaviours. Lessons will encourage assertiveness, respect and inclusion, helping pupils recognise and respond to bullying and exclusion.

COMPUTING

This half term, Year 7 pupils will explore the exciting world of *Vector Graphics*, developing their digital design and creative skills. They will learn how digital images can be created using lines and shapes, exploring how these can be manipulated, combined and adapted to produce more detailed and complex designs.

Using Inkscape software, pupils will develop their confidence in creating and editing vector images, applying a range of tools and techniques to produce their own digital artwork. Throughout the topic, they will strengthen their creativity, accuracy and understanding of digital design.



MUSIC

Year 7 will be performing and singing, listening and appraising, and exploring interrelated dimensions of music in their first topic of the year. They will compose their own creative piece of music in response to Benjamin Britten's Four Sea Interludes and use score writing conventions to write their music down as a graphic score.



HOMEWORK

In Year 7, pupils will be set weekly homework. This will include:

- A piece of Maths homework
- A piece of English homework
- Spellings

We also expect pupils to read at home at least three times each week.

Other subjects will set additional homework to aid learning outside of the classroom when needed. This will be added onto epraise.

CAREERS

Year 7 pupils are exploring the importance of planning for their future, recognising their individual strengths, skills and interests, and how these link to different careers. They are also considering the qualities and aspirations that can influence their choices, helping them to make informed decisions about future opportunities.

EXTRA CURRICULAR

Please see Epraise to sign up to our extra curricular club offer.

	Lunchtime				
M		KS3 Dodgeball	Street Dance (Year 5, 6, 7, 8)		
T	KS2 Mindfulness	KS2 Dodgeball	Craft Club		
W	Choir	KS2 Multi-Sports Club	KS2 Boys Football	Girls Football (Year 5, 6, 7 and 8)	Performing Arts
T		KS3 Boys Football	Year 6, 7 and 8 Netball	STAR Drama Club	

For more information about our curriculum visit our webpage Catshill Curriculum