Year 6 Autumn 2

CURRICULUM NEWSLETTER

MATHS

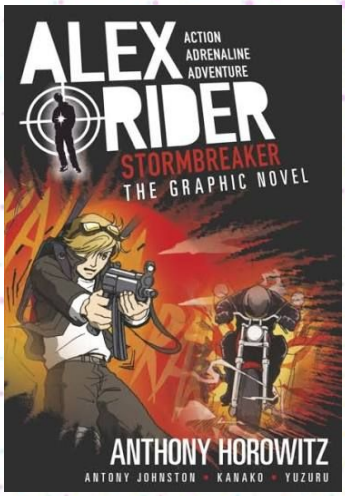
This half term, pupils will continue to build on their understanding of fractions, developing their skills in multiplying and dividing fractions by whole numbers before progressing to multiplying and dividing fractions by other fractions. They will also learn how to calculate fractions of amounts, applying their knowledge to a range of problem-solving activities and developing their ability to explain and justify their mathematical reasoning.

Towards the end of the term, pupils will move on to measurement, exploring how to convert between different metric units of length and developing their understanding of imperial units of measurement.

SCIENCE

This half term, pupils will continue to develop their understanding of electricity and circuits. They will learn how to construct and draw series circuits using recognised circuit symbols, making connections between their practical investigations and scientific diagrams.

Pupils will also be introduced to the key scientific concepts of *current* and *voltage*, exploring how electric current flows through a circuit and how voltage provides the driving force for this flow. Through practical activities, pupils will develop their scientific knowledge and confidence in investigating electrical circuits.



ENGLISH

This term, Year Six will be delving into the secretive world of espionage through *Stormbreaker*, the thrilling first novel in Anthony Horowitz's *Alex Rider* series. This action-packed story offers rich opportunities for pupils to develop their comprehension skills as they explore the text together through shared reading.

Their first extended writing task will be to design and explain a spy gadget of their own invention, combining creativity with clear explanation. For their second, pupils will craft an original short spy adventure story, using dialogue to drive the action and build excitement.

Through these activities, pupils will hone their descriptive writing, sharpen their storytelling skills, and discover the excitement of the spy genre.

MFL - SPANISH



This half term, pupils will continue exploring the topic of school, building on their ability to express and justify opinions about subjects. They will develop their grammatical accuracy through adjectival agreement and learn to describe a typical school day at CMS in Spanish. Pupils will also explore how children travel to school in Spanish-speaking countries, before bringing together their learning in an extended piece of writing.

HISTORY

This half term, pupils will continue their exploration of Victorian Britain, focusing on the lives of women and the challenges they faced during this period. They will investigate the campaign for women's suffrage, exploring the struggle for voting rights and how these efforts helped shape the freedoms and opportunities women have today.

Pupils will also examine the different roles and occupations available to men and women in Victorian society, considering how expectations varied depending on social class. Throughout the topic, pupils will develop their historical knowledge and understanding, before completing an assessment to demonstrate and apply their learning.

GEOGRAPHY

After starting the term with a bang, pupils will explore a range of volcano case studies to understand the devastating impacts these natural hazards can have. They will go on to investigate what causes earthquakes, how they are measured and what can be done to reduce their impacts. We will then make a splash by exploring tsunamis, how they form and the destruction they can cause. We will finish the unit by studying the 2011 Japanese tsunami and its lasting impacts on people, places and the environment.



PE

This half term, Year 6 pupils will continue to develop their skills in netball and tag rugby. In netball, they will focus on improving their tactical awareness, teamwork and accuracy in passing and shooting. In tag rugby, pupils will develop their passing, movement and decision-making skills, learning how to apply different tactics effectively in game situations. Throughout both activities, pupils will be encouraged to communicate, collaborate and demonstrate good sportsmanship.

We are also looking forward to our **Santa Dash on Friday 11th December** , when all pupils will have the opportunity to get into the festive spirit while raising funds to support extra-curricular opportunities across the school.





RE

In Year 6, the children will be investigating the question, "Why do Christians believe that Jesus was the Messiah?" They will explore Christian beliefs about the identity of Jesus, considering what Christians mean when they describe him as the Messiah and how his life fulfilled Old Testament prophecies. Through biblical stories and teachings, pupils will examine the significance of Jesus' birth, life, death and resurrection, exploring how these events shape Christian beliefs about salvation and God's plan for humanity.

DESIGN AND TECHNOLOGY

During this term, Year 6 pupils will be working on an exciting new textiles project. Each pupil will design and create their own fabric bunting flag, inspired by our school values and expectations. Throughout the project, pupils will develop a range of practical skills, including hand sewing, fabric transfer techniques, embroidery and using a sewing machine. They will also learn how to work safely and explore the properties of different materials to help them make informed design choices.

ART

This half term, pupils will continue to develop their understanding of the formal elements of art, exploring how these can be used to analyse, discuss and create their own artwork. They will study the work of renowned Japanese artist Yayoi Kusama, drawing inspiration from her distinctive use of colour, pattern and repetition.

To conclude the project, pupils will apply their knowledge and creative skills to design and produce their own clay pumpkin, inspired by Kusama's iconic artwork.



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 perceptions of normality, disability and the importance of inclusion. They will consider how differences can sometimes lead to conflict but should also be celebrated. Through discussions about bullying, exclusion, power and empathy, pupils will develop their understanding of respect, acceptance and standing up for others.

COMPUTING

Year 6 pupils will be starting to look at block coding concepts. This is the first of 2 units studying coding in year 6. This unit focuses on variables and how having a changeable piece of data being stored in a game can add functionality.



MUSIC

This half term, Year 6 pupils will continue to explore their *Instruments of the Orchestra* topic, developing their understanding of the different instrument families and the important roles they play in creating music. Pupils will focus on the brass section, exploring the distinctive sounds of brass instruments and applying their musical knowledge to compose their own brass fanfares.

They will also be learning about Vivaldi and the string section.



HOMEWORK

In Year 6, 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 to an adult.

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

CAREERS

This term, our focus will be on the skills needed to present ideas to others in the workplace.

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