

Maths

Perimeter and area

- Know that a rectilinear shape is a 2D figure made up of only straight lines, where all sides meet at right (90-degree) angles.
- Know how to measure and calculate the perimeter of rectilinear shapes in cm and m.
- Know that you need to multiply the length by the width to calculate the area of a rectangle.

Multiplication and division

- Know efficient methods to multiply.
- Know how to divide (up to) a 4 digit number by a 1 or 2 digit number.
- Develop a formal written method for division.
- Know how to calculate division with remainders.

Fractions, decimals and percentages

- Know how to convert improper fractions to mixed number fractions.
- Know values to compare and order fractions.
- Know how to add and subtract fractions with the same denominator and mixed numbers.
- Know tenths and hundredths as fractions and decimals
- Understand percentages as part of 100.

Vocabulary

Perimeter rectilinear area multiply divisor
dividend remainder fraction mixed number
improper numerator denominator equivalent
tenths hundredths decimals percentage

Computing

Creating media - video production

- Know that video is a visual media format
- Know the features of videos
- Know how to use digital video equipment.
- Know that there are different filming techniques that can be used to film and edit videos.
- Know how to plan, film and edit a video.

Vocabulary

Video visual film edit camera angle zoom

English

Reading

- Provide reasoned justifications for views and opinions
- Retrieve, record and present information from non-fiction
- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence

Writing

- Describe settings, characters and atmosphere in the style of a familiar author.
- Know the key features of an explanation text and use these features in their own writing
- Know how to select appropriate vocabulary and grammatical structures.
- Recognise and spell an increasing number of common exception words.
- Use verb tenses consistently and correctly
- Use the punctuation for speech correctly in most written work
- Use a comma after a fronted adverbial or an adverbial phrase independently.

Grammar & Punctuation

- Adverbials
- Determiners
- Prepositional phrases
- Exclamation, question marks, commas, inverted commas.
- Know how to use conjunctions and adverbials to construct complex sentences.
- Relative clauses
- Parenthesis

Science

Materials and their properties

- Know that materials change state by heating and cooling.
- Know that some changes can be reversed, and some cannot
- know that when two or more substances are mixed and remain present the mixture can be separated.
- know that if it is not possible to get the material back easily it is likely that it is not there anymore and something new has been made (irreversible change).

Vocabulary

Solid liquid gas reversible irreversible
particles state matter condensation
water vapour evaporation precipitation
filter dissolve insoluble chemical physical
separate mixture properties substances



Music

Performing

- Know note values and recognise quavers, crotchets, minims and semibreves written in standard notation.
- Perform simple phases from music written in standard music notation.
- Know how to hold the beaters correctly and use the correct technique to play a melody on a tuned percussion instrument – steel drum.
- Play a part on a steel pan drum within a group.

Vocabulary

Quavers crotchets minims semibreves
beater melody jumbie-jam steel pan

Year 5
Spring Term 2026
'Invaders and Settlers'

ART

Landscapes

- Know what a landscape is.
- Know that there are different types of landscapes.
- Know that many famous artists have been inspired by both rural and urban landscapes.
- Know how to take a photograph of a local landscape.
- Select different media to create an impression of the landscape.

Vocabulary

Landscape rural urban natural manmade
impression impressionist watercolour collage
mixed media

D.T

Structures: Helmets

- Know how to construct a hat shape out of papier mache
- Know how to analyse and test.
- Know strengthening techniques,
- Select materials with suitable properties.

Vocabulary

Papier mache analyse strengthen layer
assemble reinforce iteration

P.E

First half term

Gymnastics
Handball

Second half term

Orienteering
Hockey

Useful websites

BBC Bitesize – KS2 Grammar support <https://www.bbc.co.uk/bitesize/topics/zwwp8mn>
Twinkl Maths – Short division <https://www.youtube.com/watch?v=4p-3WmyDvLE>
Daily Ten – arithmetic <https://www.topmarks.co.uk/maths-games/daily10>
BBC Bitesize - Vikings <https://www.bbc.co.uk/bitesize/topics/zr46nrd/articles/zy9j2hv#z4k77yc>
Kids Britannica - <https://kids.britannica.com/kids/article/Vikings/353900>

History

Anglo Saxons, Scots and Vikings

- Know where the Vikings came from.
- Know when the Anglo-Saxons and Vikings arrived in Britain.
- Know that during the Anglo-Saxon period Britain was divided into 7 kingdoms.
- Know that the way the kingdoms were divided has led to the creation of some of the county boundaries today.
- Know why the Vikings frequently won battles with the Anglo-Saxons.
- Know that the end of the Viking era finished in 1066 at the battle of Hastings.
- Differentiate between Primary and Secondary evidence.

Vocabulary

Danegeld Danelaw invade kingdom longship
longhouse pillaged Pagan raid Wergild
Scandinavia Bersekers nigration

Geography

- Know the names of at least four countries located in the Southern Hemisphere and four in the Northern Hemisphere.
- Know how to use six-figure grid references
- Use Google Earth to locate Scandinavian countries.

Vocabulary

Atlas digital map compass grid reference



PSHE & C

Belonging to a community

- Know how resources are allocated and the effect this has on individuals, communities and the environment
- Know the importance of protecting the environment and how everyday actions can either support or damage it

Media literacy and Digital resilience

- Know how to recognise unsafe or suspicious content online
- Know how devices store and share information

Money and work

- Know about different jobs and think about what job they might like to do in the future.
- Know that ambition can help you to achieve future goals.
- Know about and challenge stereotypes in jobs and places of work.
- Know the different routes into work such as apprenticeships or university degrees.

Vocabulary

Environment protect ambition opportunity
career university apprenticeship degree

R.E

Hinduism

- Know what is meant by the ideas of duty, roles and responsibilities.
- Know the Hindu term Dharma,
- Know how the story of Rama and Sita inspires Hindus to follow their dharma.

Vocabulary

Dharma responsibility duty

Christianity

- Easter