

Year 7 Curriculum Summer Term

English

As readers

- know how language, including figurative language, vocabulary choice, grammar, text structure and organisational features influence a reader and use that knowledge to support comprehension
- understanding how the work of dramatists is communicated effectively through performance and how alternative staging allows for different interpretations of a play
- make critical comparisons across texts

As writers

- plan, draft, edit and proof-read, considering how their writing reflects the audiences and purposes for which it was intended
- amend the vocabulary, grammar and structure of their writing to improve its coherence and overall effectiveness
- pay attention to accurate grammar, punctuation and spelling; applying the spelling patterns and rules set out in previous Key Stage
- consolidate and extend their knowledge of grammar
- apply their growing knowledge of vocabulary, grammar and text structure to their writing and selecting the appropriate form
- draw on knowledge of literary and rhetorical devices from their reading and listening to enhance the impact of their writing

As grammar experts

- discuss reading, writing and spoken language with precise and confident use of linguistic and literary terminology.
- study the effectiveness & impact of the grammatical features of the texts they read
- using Standard English confidently in a range of formal and informal contexts, including classroom discussion

Creative Technology

As artists and designers

- Create sketchbooks to record drawing and montage ideas with annotated samples including ceramics
- Mix and blend colours in paint.
- Use a variety of approaches to generate ideas
- Test, evaluate and refine their ideas and products against a specification, taking into account the views of intended users & other interested groups.
- How to store, prepare & cook food safely & hygienically
- The importance of a healthy diet as depicted in the eatwell plate

Computing

As computer technologists

- Learn how to Edit Photos.
- Why is Editing Photos useful?
- What is Airbrushing and why and when is it used?

Mathematics

Geometry

- Transformations & symmetry
- Reflection
- Rotation
- Symmetry
- Translation
- Enlargement
- 3-D shapes & construction
- Properties of polygons
- Constructing triangles
- Plans & elevations
- Nets of 3-D shapes
- Loci
- Scale drawings

As mathematicians

Algebra

- Expressions & equations
- Substitution
- Simplification
- Solving equations
- Unknown on both sides
- Formulae
- Sequences

Statistics

- Surveys & data
- Planning a statistical enquiry
- Collecting data
- Designing a questionnaire
- Grouping data
- Constructing pie charts
- Interpreting frequency diagrams
- Interpreting comparative graphs
- Comparing data

Personalised Learning

As learners

- Focus on reading and writing according to the student's needs.

Geography

As geographers

- Europe, migration and population
- Reasons for changes in birth and death rate
- Demographic Transition Model
- World population distribution
- Europe overview – comparing countries
- Recap on weather
- Measuring weather, cloud types, rain types and air masses
- Climate of UK and Europe
- Introduction to coasts
- Waves and tides
- Erosion, transportation and deposition

Modern Languages

As linguists

- Daily routine and reflexive verbs
- School and school subjects
- Freetime and leisure

Music

As musicians

- Explore Indonesian Gamelan Music
- Explore Renaissance Dance Music
- Improve ensemble performing skills with changing volumes and various notations
- Further develop skills at composing music with use of music elements and devices, for the film "Wallace and Gromit"

Science

As scientists

- reproduction in humans including the structure & function of the male & female reproductive systems, menstrual cycle (without details of hormones), gametes, fertilisation, gestation & birth, to include the effect of maternal lifestyle on the fetus through the placenta
- reproduction in plants, including flower structure, wind and insect pollination, fertilisation, seed and fruit formation and dispersal, including quantitative investigation of some dispersal mechanisms.
- the similarities and differences between light waves and waves in matter
- light waves travelling through a vacuum; speed of light
- the transmission of light through materials: absorption, diffuse scattering and specular reflection at a surface
- use of ray model to explain imaging in mirrors, the pinhole camera, the refraction of light and action of convex lens in focusing (qualitative); the human eye
- light transferring energy from source to absorber leading to chemical and electrical effects; photo-sensitive material in the retina and in cameras
- colours and the different frequencies of light, white light and prisms (qualitative only); differential colour effects in absorption and diffuse reflection.

History

As historians

- The Medieval Church
- Students will learn why the Medieval church was so important in everyday life
- Students will learn about the key events of Elizabeth I's reign
- Elizabethan England

Physical Education

- Athletics: performance evaluation, students showing their athleticism in a range of track and field events & demonstrating their speed & technique in a wide range of events
- Rounders: tactical awareness, enhancing hand eye co-ordination, teamwork, & being able to make decisions quickly and smoothly
- Cricket- strike and field sport, working on hand eye co-ordination communication skills, teamwork and social skills
- Net/wall games developing tennis and a range of different shots and techniques

Religious Studies

- How did the universe get here?
- What do philosophers think about? Philosophy