# Curriculum Overview for Class 9

## English

### Reading
- Apply knowledge of morphology & etymology when reading new words
- Reading & discuss a broad range of genres & texts
- Identifying & discussing themes
- Make recommendations to others
- Learn poetry by heart
- Draw inference & make predictions
- Discuss authors' use of language
- Retrieve & present information from non-fiction texts.
- Formal presentations & debates

### Writing
- Secure spelling, inc homophones, prefixes, silent letters, etc.
- Use a thesaurus
- Legible, fluent handwriting
- Plan writing to suit audience & purpose
- Develop character, setting and atmosphere in narrative
- Use organisational & presentational features
- Use consistent appropriate tense
- Proof-reading
- Perform own compositions

### Grammar
- Use expanded noun phrases
- Use modal & passive verbs
- Use relative clauses
- Use commas for clauses
- Use brackets, dashes & commas for parenthesis
- Speaking & Listening
- Give well-structured explanations
- Command of Standard English
- Consider & evaluate different viewpoints
- Use appropriate register

## Art & Design

- Use sketchbooks to collect, record, review, revisit & evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

## Computing

- 3-D modelling software (Google Sketch Up)
- Edit photographs

- Data collection and representations
- Presentational software for use within other curriculum areas.

## Mathematics

### Number/Calculation
- Secure place value to 1,000,000
- Use negative whole numbers in context
- Use Roman numerals to 1000 (M)
- Use standard written methods for all four operations
- Confidently add & subtract mentally
- Use vocabulary of prime, factor & multiple
- Multiply & divide by powers of ten
- Use square and cube numbers

### Geometry & Measures
- Convert between different units
- Calculate perimeter of composite shapes & area of rectangles
- Estimate volume & capacity
- Identify 3-d shapes
- Measure & identify angles
- Understand regular polygons
- Reflect & translate shapes
- Data
- Interpret tables & line graphs
- Solve questions about line graphs

### Fractions
- Compare & order fractions
- Add & subtract fractions with common denominators, with mixed numbers
- Multiply fractions by units
- Write decimals as fractions
- Order & round decimal numbers
- Link percentages to fractions & decimals

## Design & Technology

- Use research & criteria to develop products which are fit for purpose and aimed at specific groups
- Use annotated sketches, cross-section diagrams & computer-aided design
- Analyse & evaluate existing products and improve own work

- Cook savoury dishes for a healthy & varied diet

## Geography

- Name & locate                counties, cities, regions & features within                Europe.
- Case study of a chosen country within Europe.
- Locate major mountain range and rivers
- Use 4- and 6-figure grid references on OS maps

## Modern Languages

### French
- Listen & engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender

## Music

- Perform with control & expression solo & in ensembles
  - Improvise & compose using dimensions of music
  - Listen to detail and recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers

## Science

### Biology
- Classification, including micro-organisms
- Health & Lifestyles, incl. circulatory system
- Evolution & Adaptation

### Physics
- Light & Shadows; the eye
- Forces, including gravity
- Electricity: investigating circuits

## Religious Education

### Using the Come and See program
- Topic 1 Family – Ourselves
- Topic 2 Belonging – Life Choices
- Topic 3 Advent – Hope
- Topic 4 Community – Mission
- Topic 5 Eucharist - Relating

- Topic 6 Giving – Sacrifice
- Topic 7 Serving – Transformation
- Topic 8 Inter relating
- Topic 9 World – Stewardship
- Topic 10 Judaism and Islam

## Physical Education

- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility & control in gym, dance & athletics
- Compare performances to achieve personal bests
- Swimming proficiency at 25m

## History

### British History

- A comprehensive study of World War 2. Evacuation, rationing, impact of war, case studies, diary extracts and film clips.
- A comprehensive study of Tudor Britain. Henry VIII'S wives, Tudor lifestyles and occupations, Tudor architecture, Tudor leisure.