

# Curriculum Overview for Year 5 Autumn 2017

## 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

- Autumn
  - Investigating tone, shade and tessellating shapes with different media
  - The work of Mondrian, abstract artist
  - The work of Matisse

## Computing

- Autumn
  - Game developers

## Design & Technology

- Autumn
  - Make a tessellating puzzle using different materials eg fabric, wood, plastics

## Geography

- Autumn
  - Human and physical characteristics of location
  - Distribution of natural resources
  - human settlement and trade links
  - water cycle linked to science

## 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
  - 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

## Modern Languages

- 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

- Autumn
  - Classify materials according to a variety of properties
  - Know about reversible changes; identify irreversible changes and the water cycle; states of matter; solid, liquid and gas

## History

### Autumn

- History of diamonds
- Wars around the issues of diamond mining and ethics

## 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
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests

## Religious Education

Continue to follow locally agreed syllabus for RE Hertfordshire

*Cricket, Handball, Lacrosse, Football, Tag Rugby, Netball,  
Volleyball*