

**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 parts

**Speaking & Listening**

Give well-structured explanations  
 Command of Standard English  
 Consider & evaluate different viewpoint  
 Use appropriate register

**ART AND DESIGN**

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

**COMPUTING**

Design & write programs to solve problems  
 Use sequences, repetition, inputs, variables and outputs in programs  
 Detect & correct errors in programs  
 Understand uses of networks for collaboration & communication  
 Be discerning in evaluating digital content

**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 AND 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  
 Use mechanical & electrical systems in own products, including programming  
 Cook savoury dishes for a healthy & varied diet

**GEOGRAPHY**

Name & locate counties, cities, regions & features of UK  
 Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones  
 Study a region of Europe, and of the Americas  
 Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.  
 Use 4- and 6-figure grid references on OS maps  
 Use fieldwork to record & explain areas

**SCIENCE**

**Biology**

Life cycles of plants & animals (inc. mammal, insect, bird, amphibian)  
 Describe changes as humans develop & mature

**Chemistry**

Classify materials according to a variety of properties  
 Understand mixtures & solutions  
 Know about reversible changes; identify irreversible

**Physics**

Understand location and interaction of Sun, Earth & Moon  
 Introduce gravity, resistance & mechanical forces

**HISTORY**

**British History (taught chronologically)**

Anglo-Saxons & Vikings, including:  
 - Roman withdrawal from Britain; Scots invasion  
 - Invasions, settlements & kingdoms  
 - Viking invasions; Danegald  
 - Edward the Confessor

**Broader History Study**

Ancient Greece, i.e.  
 - A study of Greek life and achievements and their influence on the western world

**FOREIGN 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 for a range of purposes using inter-related dimensions of music  
 Listen to detail and recall aurally  
 Appreciate wide range of live & recorded music from different traditions and different composers  
 Use & understand basics of staff notation  
 Develop an understanding of the history of music, including great musicians & composers

**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  
 Swimming proficiency at 25m

**RELIGIOUS EDUCATION**

**Shropshire Agreed Syllabus [2014]**

Learning About religion.....Learning from religion  
 Expressing Meaning  
 Values and Commitments  
 Practices and Ways of Life  
 Beliefs, Teachings and Sources  
 Judaism

**PSHE**

[based on SUMO 4 PRIMARY SCHOOL]

Fruity Thinking

Change Your T-Shirt

Ditch Doris Day

Hippo Time

Remember the Beach Ball

Learn Latin