

# Curriculum Overview for Year 2

## English

### Reading

Develop phonics until decoding secure  
 Read common suffixes  
 Read & re-read phonic-appropriate books  
 Read common 'exception' words  
 Discuss & express views about fiction, non-fiction & poetry  
 Become familiar with & retell stories  
 Ask & answer questions; make predictions  
 Begin to make inferences

### Writing

Spell by segmenting into phonemes  
 Learn to spell common 'exception' words  
 Spell using common suffixes, etc.  
 Use appropriate size letters & spaces  
 Develop positive attitude & stamina for writing  
 Begin to plan ideas for writing  
 Record ideas sentence-by-sentence  
 Make simple additions & changes after proof-reading

### Grammar

Use . ! ? , and '  
 Use simple conjunctions  
 Begin to expand noun phrases  
 Use some features of standard English

### Speaking & Listening

Articulate & Justify answers  
 Initiate & respond to comments  
 Use spoken language to develop

## Art & Design

Use a range of materials

Use drawing, painting and sculpture

Develop techniques of colour, pattern, texture, line, shape, form and space

Learn about range of artists, craftsmen and designers

## Computing

Understand use of algorithms

Write & test simple programs

Use logical reasoning to make predictions

Organise, store, retrieve & manipulate data

Communicate online safely and respectfully

Recognise uses of IT outside of school

## Mathematics

### Number/Calculation

Know 2, 5, 10x tables  
 Begin to use place value (T/U)  
 Count in 2s, 3s, 5s & 10s  
 Identify, represent & estimate numbers  
 Compare / order numbers, inc. < > =  
 Write numbers to 100  
 Know number facts to 20 (+ related to 100)  
 Use x and ÷ symbols  
 Recognise commutative property of multiplication

### Geometry & Measures

Know and use standard measures  
 Read scales to nearest whole unit  
 Use symbols for £ and p and add/subtract simple sums of less than £1 or in pounds  
 Tell time to the nearest 5 minutes  
 Identify & sort 2-d & 3-d shapes  
 Identify 2-d shapes on 3-d surfaces  
 Order and arrange mathematical objects  
 Use terminology of position & movement

### Fractions

Find and write simple fractions  
 Understand equivalence of e.g.  $\frac{2}{4} = \frac{1}{2}$

### Data

Interpret simple tables & pictograms  
 Ask & answer comparison questions  
 Ask & answer questions about totalling

## Design & Technology

Design purposeful, functional & appealing products

Generate, model & communicate ideas  
 Use range of tools & materials to complete practical tasks

Evaluate existing products & own ideas  
 Build and improve structure & mechanisms  
 Understand where food comes from

## Geography

Name & locate world's continents and oceans

Compare local area to a non-European country  
 Use basic vocabulary to describe a less familiar area

Use aerial images and other models to create simple plans and maps, using symbols  
 Use simple fieldwork and observational skills to study the immediate environment

## Modern Languages

Not required at KS1

## Music

Sing songs  
 Play tuned & untuned instruments musically  
 Listen & understand live and recorded music  
 Make and combine sounds musically

## Science

### Biology

Differentiate living, dead and non-living  
 Growing plants (water, light, warmth)  
 Basic needs of animals & offspring  
 Simple food chains & habitats

### Chemistry

Identify & compare uses of different material  
 Compare how things move on surfaces

## History (KS1)

### Key Concepts

Changes in living memory (linked to aspects of national life where appropriate) topics including toys, houses and homes

### Key Individuals

Lives of significant historical figures, including comparison of those from different periods  
 Significant local people

### Key Events

E.g. Bonfire night

## Physical Education (KS1)

Master basic movement, e.g. running, jumping, throwing, catching, balance, agility and co-ordination  
 Participate in team games  
 Perform dances using simple movement  
 Swimming proficiency at 25m (KS1 or KS2)

## Religious Education

Learning about special places and belonging to communities. Exploring key festivals.  
 Religions covered are Christianity and Judaism.  
 Following the Herefordshire Agreed Syllabus