# **Curriculum Overview for Year 5/6 B**

### **English**

#### Reading

- Read a broad range of genres
  Recommend books to others
- Make comparisons within/across
  hooks
- Support inferences with evidence
- Summarise key points from texts
- Identify how language, structure, etc. contribute to meaning
- Discuss use of language, including.
  Figurative language
- Discuss and explain reading, providing reasoned justifications for views

Secure place value & rounding to

10,000,000, including negatives

Use order of operations (not

Identify factors, multiples &

Solve multi-step number problems

Introduce simple use of unknowns •

• Classification, including micro-organisms

**Electricity and investigating circuits** 

**Present findings in scatter graphs** 

Light and shadows with a focus on the eye

Key scientists and their theories/ findings on black

holes, invertebrates, DNA, inheritance and fossils.

Children will be taught to use scientific methods, processes

and skills to plan and undertake investigations, report and

present findings and use scientific evidence to support or refute their predictions and findings. They will study:

All written methods, including long

Number/Calculation

division

indices)

primes

Science

**Biology** 

**Physics** 

### Writing

- Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting style
- Plan writing to suit audience & purpose; use models of writing
- Develop character & setting in narrative
- Select grammar & vocabulary for effect
- Use a wide range of cohesive devices

**Geometry & Measures** 

Calculate area of triangles /

Classify shapes by properties

Translate & reflect shapes, using all

• Use area & volume formulas

Know and use angle rules

& conversions

parallelograms

four quadrants

Use pie charts

**Data** 

• Ensure grammatical consistency

**Mathematics** 

Confidently use a range of measures

#### Grammar

- Use appropriate register/ style
- Use the passive voice for purpose
- Use features to convey & clarify meaning
- Use full punctuation
- Use language of subject/object
  Use questions to build knowledge
- Articulate arguments & opinions
- Use spoken language to speculate hypothesise & explore
- Use appropliate register & language

**Fractions** 

**Compare & order fractions** 

Multiply fractions by units

Write decimals as fractions

**Order & round decimal numbers** 

Link percentages to fractions &

numbers

decimals

**History** 

The lasting impact from the Vikings and Anglo

Study the changes in film and tourism in Britain

Learn about the significance of World War 11 and

A contrasting study from a non-European society

how warfare and life in Great Britain changed

from the 1930s and 1960s

such as the Indus Valley.

Children will learn how Britain has influenced and been

influenced by the wider world.

**British History:** 

forever.

**World History:** 

Add & subtract fractions with

common denominators, with mixed

# Art & Design

Children will develop control and use of materials with creativity and to increase their awareness of different kinds of art, craft and design by:

- Using sketchbooks to collect, record and evaluate their ideas
- Improving mastery of techniques such as drawing, painting and sculpture with varied materials
- Learning about great artists, architects and designers, craftsn en and designers

### Computing

Using the 'icompute' scheme, children are taught to be responsible, competent, confident and creative users of information and communication technology. They will:

- 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

# Design & Technology

Tirough creative and practical activities based on the 'Twinkle' unit plans the children will:

- Use research and 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 a floor robot.
- Assemble a simple cam mechanism.

# Languages

Children will deepen their understanding of French by:

Listening & engaging

Modern

- Engaging in conversations, expressing opinion
- Speaking in simple language & being understood
- Developing appropriate pronunciation
- Presenting ideas & information orally
- Showing understanding in simple reading
- Adapting known language to create new ideas
- Describing people, places & things
- Understanding basic grammar, e.g. gender

### Geography

Children will extend their knowledge and understanding to nclude the UK, Europe, North and South America by:

- Naming & locating counties, cities, regions & features of UK,
- Understanding latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Studying Eastern Europe including Chernobyl, and the Americas
- Understanding biomes, vegetation belts, land use, economic activity, distribution of resources, climate, human geography.
- Using4- and 6-figure grid references on OS maps
- Using fieldwork to record & explain areas including tourism, planning flights and finding accommodation.

### Music

Using the 'Charanga' online scheme and visiting 'Sing Out Play Out' teachers the children will recognise their talent as musicians, increase their confidence, creativity and sense of achievement by:

- Performing with control & expression solo & in ensembles
- Improvising & composing using dimensions of music
- Listening to detail and recalling aurally
- Using & understanding the basics of staff notation
- Developing an understanding of the history of music, including composers & musicians

## Physical )

## Education

Children will continue to apply and develop a broad range of skills in different ways to improve their performance. Using the Val Sabin scheme of work they will:

- 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
- Take part in outdoor and adventurous activities.
- Uinluies

Religious

Free will and determinism/ good and hard

Children will follow the Bedfordshire agreed syllabus

for Religious Education and scheme of work for PSHCE.

• The meaning of Christmas

They will cover topics which include:

- Pilgrimage
- Justice, freedom and poverty
- Creation

### Template created by Michael Tidd 2013

Forces, including gravity

**Scientists and Inventors** 

Education