Curriculum Overview for Year 6

Reading

Read a broad range of genre Recommend books to others Make comparisons within books Support inference with evidence Summarising key points from texts Identify how language, structure, etc. contribute to meaning Discuss use of language, including figurative

reasoned justifications for views

English

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 Discuss & explain reading, providing effect

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

Speaking & Listening

Articulate arguments Use spoken language to speculate, hypothesise & explore

Use questions to build knowledge

Learn about great

evaluate ideas

designers

Computing

Children use spreadsheet software to structure information using formulae and functions

> Explore 3D drawing tools and consider how they are used in the wider world

Use blogs for collaborative projects in school

Build a class Wiki around a class topic

Number

Secure place value & rounding to 10,000,000, including negatives

All written methods, including long division

Use order of operations (not indices) Identify factors, multiples & primes Solve multi-step number problems

Algebra

Science

Biology

Physics

Introduce simple use of unknowns

Mathematics

Use a wide range of cohesive devices Ensure grammatical consistency

Geometry & Measures

Confidently use a range of measures & conversions Calculate area of triangles / parallelograms Use area & volume formulas Classify shapes by properties Know and use angle rules Translate & reflect shapes, using all four quadrants

Fractions, decimals & percentages

Compare & simplify fractions Use equivalents to add fractions Multiply simple fractions Divide fractions by whole numbers Solve problems using decimals & percentages Use written division up to 2dp

Introduce ratio & roportion

Data

Use pie charts Calculate mean averages

History

Create informed responses that involve thoughtful

Study the achievements of the earliest civilizations an overview of where and when the first civilizations appeared and a depth study

on the children of Britain

Design & Technology

artists, architects &

Art & Design

Use sketchbooks to collect, record, review, revisit &

Improve mastery of techniques such as drawing,

painting and sculpture with varied materials

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 owr products, including programming Cook savoury dishes for a healthy & varied diet

Languages

Listen and engage Engage in conversation 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

Education

Understand basic grammar, e.g. gender

Use running, jumping, catching and throwing in

Play competitive games, applying basic principles

Compare performances to achieve personal bests

(PE will be taught by specialist sports and dance

Take part in Outdoor & Adventurous activities

Develop flexibility & control in gym, dance & athletics

Physical

isolation and in combination

Swimming proficiency at 25m

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

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

selection and organisation of relevant historical information.

of the Egyptians

WWII looking at the impact of the war

Religious

Education

Expressive & visual

arts in religions

Knowing some key Christian and Buddhist beliefs and practices

Founders of faiths and their importance for people today

Human Responsibility for the Environment

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

Evolution & Adaptation

Classification, including micro-organisms

Health & Lifestyles, incl. circulatory system

coaches)