Curriculum Overview for Year 5/6 Upper Key Stage 2

Reading

- Apply knowledge of root words, prefixes when reading new words.
- Read and discuss a broad range of genres and texts including books from other cultures and tradition, making
- Retrieve and present information from non-fiction texts, summarising key points
- Identify and discuss themes.
- Recommend books to others, giving reasoned justifications.
- Draw inference and make predictions.
- Discuss authors' use of language.
- · Learn poetry by heart.

Number/Calculation

- Discuss authors' use of language including figurative.
- Formal presentations and debates.

• Secure place value & rounding to

10,000,000 including negatives.

All written methods including long

• Multiply & divide by powers of ten.

• Use order of operations (not indices)

• Identify factors, multiples and primes.

• Introduce simple use of unknowns. (Y6)

• Use square and cube numbers.

• Solve multi-step problems.

Confidently add and subtract mentally.

• Use Roman numerals to 1000 (M)

English

Writing

- Use knowledge of morphology and etymology (prefixes and suffixes) in
- Uses a thesaurus.
- Select grammar & vocabulary for
- Develop legible, fluent and personal handwriting style
- Plan writing to suit audiences & purpose; use models of writing.
- Develop character, setting and atmosphere in narrative.
- Use a wide range of cohesive devices including organisational and presentational features.
- Ensure grammatical consistency.
- Proof read.
- Perform own compositions.

Grammar

- Use appropriate register/style.
- Use the passive voice for purpose.
- Use expanded noun phrases.
- Use features to convey and clarify meaning.
- Use full punctuation including brackets, dashes & commas for parethesis.
- Use language of subject/object.
- Use time connectives

Fractions. Decimals &

equivalent fractions.

Multiply simple fractions.

• Write decimals as fractions.

percentages.

Introduce ration and

Percentages.

Know language of clauses.

Speaking & Listening

• Compare, order and simplify fractions.

Add &subtract fractions with common

denominators, mixed numbers or

Divide fractions by whole numbers.

• Order and round decimal numbers.

Solve problems using decimals and

Use written division up to 2 dp

- Articulate arguments and
- Use questions to build knowledg se spoken language to specula
- Use appropriate register and

Art & Design

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

Computing

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

Design & Technology

- 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 systems and electrical systems in products, including programming.
- Cook savoury dishes for a healthy and varied

Geography

- Name and locate countrie 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-figure grid references on OS maps.
- Use fieldwork to record and explain ideas.

Mathematics

Geometry & Measures

- Confidently use a range of measures and conversions.
- Calculate area and perimeter of composite shapes including rectangles, triangles and parallelograms.
- Use area and volume formulas.

Calculate mean averages.

- Classify shapes by properties
- Measure and identify angles, recognising angle rules.

Statistics

pie charts.

Understand regular polygons. Translate & reflect shapes, using all four quadrants.

Interpret and use tables, line graphs and

Modern

French

- 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.

- control & expression solo & in ensembles.
 - Improvise & compose using dimensions of music.
 - Listen to detail and recall aurally.
- Develop an understanding of the history of music, including great musicians & composers.

Science

Algebra

Biology

- Life cycles of plants & animals (including mammals, insect, bird, amphibian)
- Classification including micro-organisms.
- Health & Lifestyles including circulatory system
- Evolution and adaptation including puberty & the circulatory system.

- Classify material according to a variety of properties.
- Understand mixtures and solutions.
- Know about reversible and irreversible changes.

- Understand location and interaction of Sun, Earth & Moon. Introduce gravity, resistance and mechanical forces.
- Light and Shadows; the eye.
- Electricity; investigating circuits.

History

British History

- An extended period of study Victorians: The changing power of the monarchs, significant turning points in British History, crime and punishment, leisure

 - Anglo-Saxons & Viking: Roman withdrawal from Britain: Scots invasion. Invasion and settlements. Viking invasions; Danegold, Edward the Confessor
 - Local history study -In My Liverpool Home.

Broader History Study

- Passports to Europe France.
- Passport around the World Secrets of the Rainforest.
- The Shang Dynasty of Ancient China

Physical

Education

Languages

- 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 performance to achieve personal best.
- Swimming proficiency at 25m.

Music

- Perform with
- Use & understand basic staff notation.

Religious

Education

 Continue to follow agreed Wirral syllabus for RE.