

### **Curriculum Overview for Year 5**

# Reading

- Apply knowledge of morphology Writing & etymology when reading new •
- Reading & discuss a broad range of genres & texts
- Identifying & discussing themes •
- Make recommendations to others
- Learn poetry by heart

Number/Calculation

- Draw inference & make predictions
- Discuss authors' use of language •
- Retrieve & present information from non-fiction texts.
- Formal presentations & debates

prefixes, silent letters, etc.

Legible, fluent handwriting

Plan writing to suit audience &

Develop character, setting and

Use consistent appropriate tense

atmosphere in narrative

presentational features

Perform own compositions

Use organisational &

Use a thesaurus

purpose

Secure spelling, inc. homophones,

#### Grammar **English**

- Use expanded noun phrases
- Use modal & passive verbs
- Use relative clauses
- Use commas for claus
- Use brackets, dashes & commas for parenthesis Speaking & Listening
- Give well-structured explanations
- Command of Standard English
- Consider & evaluate different viewpoints
  - Use appropriate register

#### **Mathematics**

Proof-reading

#### **Geometry & Measures**

- 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 •
- Use square and cube numbers

- 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

- Compare & order fractions
- Add & subtract fractions with common denominators,
- Multiply fractions by units
- Write decimals as fractions
- numbers
- Link percentages to fractions & decimals

#### **Fractions**

- with mixed numbers
- Order & round decimal

# **Art/Design**

- Draw/ paint images of landscapes and cities.
- A study of some of America's great artists.
- Create space painting in the style of Peter Thorpe.
- Study still life poppies and use watercolour to paint images inspired by the poppy fields of Flanders.
- Create collaborative art projects emulating the works of Chuck Close.

# **Computing**

- Simulation.
- 3D Modelling.
- Algorithms, Scratch: Developing games.
- Controlling Devices.
- Internet research and website design.
- Use internet safely and appropriately (E-Safety).

### Through Design and Technology or Enterprise activities:

- \* Making 3D planet models.
- Create Greek pottery

# **DT/ Enterprise**

Spanish

School

Food

Celebrations

At home

Weather

Here and

there

- \* Explore the use of axles and wheels.
- \* Carry out a variety of mechanism challenges.
  - \* Design, Make, Evaluate and use technical knowledge.
  - 'Cooking and Nutrition activities to be integrated nto individual subjects/ topics where appropriate, e.g. English - Following/Writing instructions.

# Geography

- A detailed study of the continents of North and South America.
- Compare and contrast locations in the Americas.
- Consider the needs of settlements, distribution networks and reducing resource networks worldwide.

### MFL

#### Listen & engage

- Ask & answer questions
- Speak in sentences using familiar vocabulary
- Develop appropriate pronunciation
- Show understanding of words & phrases.
- Appreciate stories, songs, poems &
- Broaden vocabulary

### Music

#### **Continue to** follow Charanga Scheme of work for Year 5.

- Use voice & instruments with increasing accuracy, control and expression
- Improvise & compose music
- Listen with attention to detail
- Appreciate wide range of live & recorded
- Begin to develop understanding of history

# Science

- Working Scientifically
- Biology
  - Animals and Humans/ All living things: Plant Life Cycles.
- Chemistry Reversible and irreversible changes.
- **Physics** Earth and Space/Forces.

# **History**

- A study of Greek life and achievements and their influence on the western world.
- A study of the Anglo Saxon invasion, and settlement, of Britain.
- A study of the history of sport in the North East.

### PE

To be deliver in partnership Foundation and Commando Joes units.

- Dance
- **Gymnastics**
- Striking and Fielding
- Quidditch
- Net and Wall Games
- Athletics and Fitness

## RE

Continue to follow

Discovery Re Scheme of

for Year 5.

In Year 5 we look at:

- Christianity
- Sikhism

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