

Curriculum Overview for Class 5 Term 3 2014-2015

Reading

Apply knowledge root words, prefixes and suffixes.
 Maintain positive attitude to reading by reading a wide range of books including fiction, poetry and plays.
 Maintain positive attitude to reading by reading a wide range of books including myths, legends and traditional stories our heritage and other cultures
 Maintain positive attitude to reading by identifying themes and conventions across a range of writing.
 Make comparisons across books
 Prepare poetry to read aloud
 To understand what they read by drawing inferences
 Explain and discuss understanding through presentations and debate
 To understand what they read by summarising main ideas, identifying key detail support main ideas.
 Identify how language & structure cont to meaning
 Discuss and evaluate how authors use language, including figurative language & discuss the impact on the reader.

English

To retrieve, record & present info from non-fiction.
 Participate positively in discussions about books
 Ask questions to improve understanding of what read.
 To provide reasoned justifications for their views.
Writing Transcription
 Use prefixes & suffixes & understand use
 Use knowledge, morphology and etymology in spelling.
 Use dictionaries to check meaning and spelling.
 Write legibly and fluently.
Writing Composition
 Plan writing by identifying audience and purpose.
 Plan writing by noting and developing initial ideas, organisational and presentational devices to structure text and guide the reader.
 Plan writing for narratives by considering how authors have developed characters and settings.
 Use appropriate vocab & grammar to enhance meaning.

Describe settings, characters and atmosphere and integrate dialogue to advance action.
 Build cohesion within and across paragraph.
 Use organisational devices to guide reading.
 Assess effectiveness of own & others writing.
 Select appropriate grammar and vocabulary.
 Ensure the consistent and accurate use of tense
 Ensure correct verb and subject agreement.
 Perform own compositions using appropriate intonation, volume and movement.
 Use commas to clarify meaning.
 Use hyphens to avoid ambiguity.
 Use semi colons, colons or dashes to mark boundaries between clauses.
 Precis longer passages.
 Proofread for spelling and punctuation.
 Convey nouns and adjectives using suffixes.
 Understand grammatical terminology.
 Understand and concept passive verbs.
 Use brackets and dashes.

Art & Design

- Improve mastery of drawing through still life observations.
- Develop observational skills.
- Develop awareness of shape, size, form and scale.
- Adapt and refine our work.
- Experiment with colour and tone.
- Learn how to build a painting in layers starting with the background.

Computing – Discerning Internet Use

- Describe World Wide Web and how users connect to it.
- Understand that data can be broken into packets.
- Describe how packets of data can be transported on the internet.
- Describe how a protocol can be used to organise packets of data.
- Understand that computers use binary code to communicate.
- To know that a byte is a collection of digital information.
- To understand terms such as Kilobyte, megabyte, terabyte.
- To search the internet using operands and filters to refine a search.

Design & Technology

- Understand and apply the principles of a healthy and varied diet.
- Prepare and cook using a range of techniques.
- Understand seasonality and know where a variety of ingredients are grown, reared, caught and processed.
- Understand that a cam changes rotary motion to linear motion.
- Consider design ideas, considering function and design.
- To evaluate and personally seek evaluation from others for others to measure.

Geography

- Use four and six-figure grid references.
- Understand and find locations using longitude and latitude.
- Understand definitions and nature of equator, polar circle.
- Understand why we have time zones and how this relates to the rotation of Earth.

Number / Place Value / Calculation

Read, write, order and compare numbers to 1,000,000 and know value each digit.
 Count forward and backwards in steps of 10 in powers of 10
 Count forward and back through zero including negative numbers.
 To interpret negative numbers in context.
 To solve real world problems involving negative numbers.
 To add / subtract numbers mentally with increasingly large numbers.
 To use rounding to check answers.
 To solve addition and subtraction multi-step problems in contexts.
 To solve problems involving numbers up to three decimal places.
 To recognise and use square numbers and cube numbers and the notation.
 To calculate and compare the area of rectangles.
 Estimate the area of irregular shapes.

MATHS

To multiply divide whole numbers and decimals by 10, 100 and 1000.
 To multiply numbers up to four-digits by a one- or two-digit number using a formal written method, including long multiplication for two-digit numbers.
 To solve problems involving multiplication and division, including scaling by simple fractions problems involving rates.
 To recall multiplication and division facts for multiplication tables up to 12 x 12.
 To use place value, known and derived facts to multiply and divide mentally,

To add and subtract fractions with the same denominator and related fractions, write mathematical statements > 1 as a mixed number.
 To multiply proper fractions and mixed numbers by whole numbers.

SHAPE

To distinguish between regular and irregular polygons based on reasoning equal sides and angles
 To use the properties of rectangles to deduce related facts and find missing lengths and angles.
 To identify 3D shapes including cubes and cuboids from 2D representations

Statistics

To complete read and interpret information in tables, including time tables.

FRACTIONS

To recognise mixed numbers & improper fractions and convert from one to the other and write >1 statements as a mixed number.
 To add and subtract fractions with the same denominator and related fractions, write mathematical statements > 1 as a mixed number.

Modern Languages – French

- Listen attentively to spoken language and show understanding by joining in and responding.
- Speak in simple language and be understood.
- Develop appropriate pronunciation.
- Understand basic grammar – gender.
- Vocabulary for numbers, weather, school, town.
- School equipment.
- Masculine and feminine article.

MUSIC

- Listen with concentration and engage with music.
- Identify contrasting moods and sensations.
- Explore different textures using tuned and un-tuned sounds.
- Create different effects using combinations of pitched and un-tuned sounds.
- Use ICT to change and manipulate sounds.
- Explain how sounds can create different intended effects.
- Explore, select, combine and exploit a range of different sounds to compose a soundscape stimulated by space.

Science – Space and Solar System

- Describe the movement of earth and other planets and moons relative to the sun.
- Describe the sun, earth and moon as spherical bodies.
- Describe the movement of the moon relative to Earth.
- Understand that the earth's rotation causes day/ night and the apparent movement of the sun.
- Plan a scientific enquiry.

History – Vikings (completion of term 2 tasks)

- Understand how Vikings travelled so far.
- Resistance led by Alfred the Great.
- Who were Athelstan and Danegeld?
- Who was Edward the Confessor?
- Understand the format and origins of Viking place names.

Physical Education

Hockey

- Play competitive games and apply basic principles suitable for attacking and defending.
- Develop technique, control and balance.
- Understand use and control of space.
- Develop team work.
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

Gymnastics

- Perform actions, body shapes and balances.
- Create sequences of movements and balance.
- Perform movements in canon and unison.
- Make use of changes in speed, level and direction.
- Apply own ideas to compositional sequences.

Religious Education – Judaism

- To know the physical features of a Jewish synagogue.
- To know about the signs and symbols which are traditional in Jewish religion.
- To understand the role of a rabbi and cantor.
- To understand the significance of a Bar / Bat Mitzvah ceremony.
- To know the distinctive features of a Jewish wedding ceremony.
- To know basic Jewish dietary rules.