Curriculum overview Year 6

Wiveliscombe PRIMARY SCHOOL

English: Using a wide range of fiction (classic and modern fiction, myths, traditional stories, stories from different cultures and periods of time) poetry and non-fiction texts and other stimulus, pupils learn to be confident listeners, speakers, readers, and writers (discuss and share ideas).

Reading:

- Read & discuss a wide range genre and make comparisons within/across books
- Recommend books to peers, giving reasons for choices
- Support inferences with evidence
- Summarise key points from texts
- Identify how language, structure and techniques contribute to meaning
- Discuss and evaluate how authors use language e.g. figurative language
- Justify views by using evidence from the text
- Learn a wider range of poetry by heart and to perform to an audience
- Retrieve and record information from non-fiction texts

Writing:

Transcription:

- Apply spelling strategies including using prefixes, suffixes accurately and distinguish between homophones
- Use a neat, legible joined up handwriting style.
- Identify audience for writing
- Understand how to plan, draft, write evaluate and edit written work in narrative and non-fiction tasks
- Use similar writing as a model
- Choose vocabulary, grammar and punctuation for effect
- Create vivid images by using alliteration, similes, metaphors and personification
- Interweave descriptions of characters, settings and atmosphere with dialogue
- Write in paragraphs and organise non-narrative texts appropriately

Grammar:

In addition to Year 5 skills

- Use appropriate style
- Use active and passive voice for purpose
- Use a full range of punctuation
- Use the language of subject/object.
- Synonym & antonym
- Use of hyphens, colons and semi-colons

Speaking & Listening:

- To ask questions to build knowledge
- Articulate arguments and opinions
- Use spoken language to speculate, hypothise & explore
- Use appropriate language

Music

- Perform with control and expression as a solo and in ensembles
- Improvise and compose using dimensions of music e.g using ICT-GarageBand
- Listen to detail and recall aurally
- Use and understand the basics of staff notation
- Develop an understanding of the history of music, including great musicians and composers.

RE

- What do Christians believe about Agape?
- What do Hindu people believe about Dharam, Deity and Atman?
- What do Christians believe about Salvation?
- What is Humanism?

Geography

- Identify the position and significance of latitude, longitude, Equator, Northern and Southern hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic circle, the Prime/Greenwich Meridian, and the time zones.
- Understand geographical similarities and differences through the study of human and physical geography of a region in a European country (Russia) and a region within North America (USA).
- Describe and understand key aspects of human geography including economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.
- Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied
- Use the eight points of a compass and four and six-figure grid references to build their knowledge of the United Kingdom and the wider world, including the use of Ordnance Survey maps.

History

- Local History study linked with the Duke of Wellington.
- Describe the main changes of a period of history using terms such as social, religious, political, technological and cultural.
- Understand the concept of continuity and change over time, representing them, along with evidence, on a timeline.
- Earliest Civilizations – Maya
- To build an overview of world history.

Mathematics

Number/Calculation

- Secure place value & rounding to 10,000,000, including negatives
- All written methods of calculation (+ - x divide)
- Use order of operations •
- Identify factors, multiples and prime numbers
- Solve multi-step problems

Algebra:

- Introduce simple unknowns

Geometry & Measures

- Use a range of measures and conversions with confidence
- Calculate the area of triangles and parallelograms
- Use area and volume formulas
- Classify a variety of shapes by their properties
- Know and use rules for angles
- Translate, reflect and rotate shapes in the four quadrants

Data:

- Use pie charts
- Calculate the mean averages.

Fractions, decimals & percentages

- Compare and simplify fractions
- Use equivalents to add and subtract fractions
- Divide fractions by whole numbers
- Solve problems using decimals, fractions and percentages
- Use written division methods up to 2 decimal places
- Solve ratio and proportion problems.

SCIENCE

Biology

- Classification of living things
- Healthy lifestyles – the effect of diet, exercise and drugs
- Human circulatory system
- Evolution & Inheritance (adaption and changes over time)

Physics

- Light – sources, the eye, reflections and shadows. Understand that light travels in straight lines.
- Forces and the effect of gravity
- Electricity – investigating circuits the effect of the voltage of cells and the resistance and conductivity of materials.

Revision of previous years' science curriculum in Biology/Chemistry /Physics

P.E

- Play competitive games, applying basic principles and fair play. •
- Display flexibility & control in gym, dance & athletic
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests
- Swim at least 25m
- Perform safe self-rescue (swim)
- Swim using a range of strokes
- Explain importance of an active healthy lifestyle

Modern Foreign Languages

- Listen and engage
- Engage in conversations, expressing opinions
- Speak in simple language & be understood
- Develop appropriate punctuation
- Present ideas and information orally
- Show an understanding of simple reading
- Describe people, places and things
- Adapt known language to create new ideas
- Understand and apply basic grammar e.g. gender & tenses
- To correspond (write) to a French pen pal.

Art

- Use experiences, other subjects/topics and ideas for inspiration for artwork.
- Learn about great artists, architects and designers in history.
- To develop and share ideas in a sketch book and in finished products
- Improve mastery of techniques in painting, drawing, collage, printing, textiles and digital media
- The National Gallery Take One Picture Project.

Computing

- Design & write programs to solve problems
- Use sequences, repetition, inputs, variables and outputs in programs.
- Understand uses of networks for collaboration and communication.
- Understand how to stay safe when using the internet
- Select tools to collect and present data
- Combine a range of multi-media and recognise the contribution of each to achieve a particular outcome

Design & Technology

- 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 and evaluate existing products and improve own work
- Use mechanical and electrical systems in own products, including programming
- Cook savory dishes for a healthy and varied diet

PSHCE & RSE

- Me and my relationships – assertiveness, cooperation and safe/unsafe touches.
- Valuing difference – recognising and reflecting on prejudice-based bullying, understanding bystander behaviour.
- Keeping myself safe – emotional needs, staying safe online, drugs: norms and risks (including the law)
- Rights and responsibilities – understanding media bias, including social media, caring: communities and the environment and earning and saving money.
- Being my best – aspirations and goal setting, managing risk.
- Growing and changing – keeping safe, body image and self-esteem.