

Year 5 and 6 Spring 2022 Curriculum

ICT/Computing

Using PowerPoint as an educational tool to record and share learning effectively, using presentational techniques, special effects and hyperlinks to maximise audience engagement.

RE

How can following God bring freedom and justice?
What difference does the resurrection make for Christians?

PE

Netball/Tag Rugby
Orienteering/ alternative sport

PHSCE

Happy and Healthy Relationships:
Trickier relationships – self-esteem, assertiveness; counteracting more negative aspects of relationships through assertive behaviours; healthy online relationships and tackling abuse.

Literacy (Explore, draft, write, feedback, edit, improve, proofread, submit)

Creative Writing

- A non chronological guide to the Solar System and beyond aimed at an adult audience.
- Mystery/ Crime Diaries – based upon dramatized scenario involving a very local teacher's disappearance – adding greater cohesion and fluency, and exploring formality
- Guided Reading and Reading Comprehension – VIPERS: skim and scan with increasing accuracy and pace; read with expression and fluency and to secure knowledge and understanding; decode unfamiliar words; sequence events; true and false /fact and opinion; develop with reference to the text skills; summarise effectively; predict and infer with growing finesse. Improve pace, fluency and confidence throughout.
- Grammar and Punctuation Developing and consolidating understanding and fluency in identifying and applying 8 parts of speech and 13 forms of punctuation; phrases; clauses and sentences; adverbs /adverbials; conjunctives- coordinating and subordinating; nouns (4 types); verbs, tenses and appropriate verb form and tense selection; active and passive; speech marks all rules, direct and reported speech; colons and semi colons; parenthesis; determiners; prepositions and pronouns
- Reading read and review fiction and non-fiction – termly challenge Horowitz as key author and three non-fiction newspaper articles. All reviewed and presented to whole class
- Spellings Read Write Inc Year 5/6 programme ; catch up whole class scheme via Collins; personalised spellings.

We are SCIENTISTS

lead Science and DT linked curriculum theme



We will

- *Learn about, explore, understand, compare and link the effects of FORCES, SPACE (and forces therein) and KITES*
- *Develop our breadth and depth of Scientific enquiry skills*
- *We will integrate our learning to develop critical insights into essential forces, their beneficial and negative consequences and how best to defy gravity in terms of kite building.*

During this project, children will develop their key skills as Scientists and within DT whilst having developmental opportunities to

Grow focus upon recognising, recalling, describing, listing the facts: who, what, where, when, events and appearances

Blossom focus upon analysing, examining methodically and in detail, comparing, contrasting, making links between knowledge learnt and different disciplines; making informed choices with rationales and educate others

Flourish synthesis our learning to determine forces in action, how best to defy them using both scientific and DT prowess, and how to articulate and share our understanding of Space to educate others.

This work will culminate in a showcasing of learning throughout both areas of Science and DT and a competitive challenge within which parents will be warmly invited to participate.

Numeracy Arithmetic, procedure and conceptual understanding reinforced by ongoing practice in Reasoning, Problem solving, Challenge and Mastery for ALL. Conceptual understanding and procedural knowledge addressed concomitantly throughout; Rounding – including to variable numbers of decimal places, Rounding, estimates and inverses as self-check strategies; revise all core skills from Term 1- any pupils not fully confident yet here offered supported opportunities to secure their key learning. 2D shape-essential properties plus area and perimeter including of compound shapes; Shape translations and reflections /reflective symmetry and rotations; Coordinates – in 1 and then 4 quadrants; Data Handling – interpreting and creating pictograms, bar charts, line graphs and pie charts; Averages and range; Negative and directed numbers ; Ratio and Proportion, Time – including durations and time tables; introduction to Algebra – solving simpler algebraic equations and basic formula; 3D shape; mental arithmetic plus generic skills and composure under speed and test conditions. Throughout using and applying plus problem solving / reasoning to strengthen knowledge whilst developing fluency and mastery.