

Year 5 - Long Term Planning. National Curriculum Planning

St Joseph's Catholic Primary School



English

Reading

- Read a range of fiction, poetry, plays, non-fiction; myths, legends, traditional stories, modern fiction, fiction from our literary heritage and other cultures
- Learn a wider range of poetry by heart; prepare poems / plays to perform; explore meaning of words; justify with evidence; make predictions; summarise main ideas.

Grammar

- Use prefixes and suffixes; spell words with 'silent' letters; use homophones; use dictionaries and thesauruses
- use correct tense and convert nouns / adjectives into verbs using suffixes
- use relative clauses; use modal verbs or using adverbials or tense choices; use brackets, dashes or commas ; use expanded noun phrases

Writing

- Write a story using language to evoke atmosphere
- Write in the style of a particular author, organised into chapters
- Plan, compose, edit and refine a non- chronological report and explanation text
- Adapt a piece of persuasive writing for different audience
- Write a procedural text with presentational and organisational devices.
- Plan, compose and edit a balanced discussion

Speaking & Listening

- Engage in longer and sustained discussions about a range of topics.
- Ask questions and give opinions in order to take part in discussions

Maths

Number and Place Value

- Read, write, order, compare numbers to at least 1 000 000
- Count forwards or backwards in steps of powers of 10
- Negative numbers and Roman numerals
- Round numbers up to 1 000 000 to nearest 10, 100, 1000, 10 000 and 100 000

Addition and Subtraction

- + and - numbers with more than 4 digits and solve + and - multistep problems

Multiplication and Division

- Identify multiples, factors, prime numbers, square and cube numbers.
- Multiply and divide numbers up to 4 digits by a 1 or 2 digit number
- x and ÷ numbers and decimals by 10, 100, 1000
- Solve +, -, x, ÷ problems

Fractions, decimals, percentages

- Compare/ order fractions/+ and – fractions; multiply fractions
- Equivalent fractions and recognise mixed numbers and improper fractions
- Read / write decimal numbers as fractions and round decimals with 2dps
- Read, write, order, compare numbers with up to 3dps
- Recognize %; write % as fractions / decimals

Measurement

- Convert units of measure; calculate perimeter , area, volume and capacity

Geometry

- 3D shapes , acute, obtuse, reflex angles ,reflection and translation

Statistics

- Solve problems from line graphs; complete, read and interpret information

P.E.

- Develop running, jumping, throwing and catching; play competitive games- [rugby, football]
- Develop flexibility, strength control,

PSHE

- Developing moral, relationship and social skills
- Topics also link with Computing and Science
- Topics include Family and

Computing

- Use logical reasoning to explain how some simple algorithms work
- Use search technologies effectively - E safety, Cyber safe.
- Collect, analyse, evaluate and

MFL

- Spanish
- listen attentively to spoken language and show understanding by joining in and responding
- engage in conversations

<p>balance, perform dances[gymnastics, dance] <ul style="list-style-type: none"> • Take part in outdoor activity challenges [orienteeing] </p>	<p>relationships, Health and wellbeing, Safety and the changing body and Citizenship.</p>	<p>present data and information flow charts.</p>	<ul style="list-style-type: none"> • develop accurate pronunciation • Topics such as: greetings. Family, and weather.
<p>R.E. Domestic Church – ourselves Baptism/Confirmation – belonging: life choices Other Faith Week -Judaism Advent/Christmas – Loving: hope Local Church – community – mission Eucharist – relating; memorial sacrifice Lent/Easter – giving: sacrifice Other Faith Week -Islam Pentecost – serving: transformation Reconciliation –inter-relating freedom and responsibility Universal Church – world; stewardship</p>		<p>SMSC- British Values Spiritual, Moral, Social, Cultural, & British Values, are taught partly through our PSHCE programme Ten Ten and RE. <ul style="list-style-type: none"> • Value Words are focused on in Assembly & are followed up in the Classroom. • School Rules and weekly statement to live by focused on in Assemblies - followed up in classroom; Class Rules agreed by each class. • School Parliament, questionnaires all contribute to SMSC & British Values. </p>	
<p>Science Working scientifically <ul style="list-style-type: none"> • Plan scientific enquiry; recognise variables; take measurements; record data /results; use test results to make predictions; set up fair tests; present findings Living things and their habitats and Animals, including humans <ul style="list-style-type: none"> • Life cycles and reproduction; changes as humans develop to old age. Properties and changes of materials and Forces <ul style="list-style-type: none"> • Compare materials, separate mixtures; dissolving, irreversible and reversible changes • Gravity; identify effects of air / water resistance / friction, forces in mechanisms Earth and space <ul style="list-style-type: none"> • Movement of Earth relative to Sun and Moon relative to Earth; explain day / night Sound Parts of the ear, how sound travels and sound waves.</p>		<p>History <ul style="list-style-type: none"> • Non –European early civilisation – Early Islamic Civilization • How Life Changed for Anglo-Saxons in the North East of England. Study of Anglo Saxon and Viking life in Britain </p>	<p>Music Play and perform, using voices and playing musical instruments <ul style="list-style-type: none"> • improvise and compose music • use musical notations; • develop understanding of history of music </p>
<p>Geography</p>		<p>Art & Design</p>	<p>Design Technology</p>

Natural Resources- Why are they important? Looking at renewable and non – renewable energy.

- Settle Down- Children will have an understanding of Settlements, identifying different types of settlement, Comparisons to be made with Shenzhen China.

Create sketch books to record observations and use them to review and revisit ideas

- Improve mastery of art and design techniques, including drawing portraits, painting and sculpture with a range of materials [for example, pencil, charcoal paint, clay]

Designing like an architect

- Learn about great artists, architects and designers in history – Boris Schmitz, Georgia O'keefe.

Design - generate, develop, model and communicate ideas, using annotated sketches and prototypes.

- Make - select equipment and materials
- Evaluate - existing products
- Mechanisms
- Cooking and nutrition - pretzels