St Joseph’s Roman Catholic Primary School
Curriculum Overview

Based on National Curriculum 2014

Core subjects (English, Maths & Science) are presented in a year-by-year format, based on the outlines given in the National Curriculum. History is also presented in this format, based on a suggested programme.

All other subjects are presented in two-year sections, dividing KS2 into Lower and Upper Key Stages.

It should be noted that it is only statutorily required to cover each Key Stage’s content by the end of the key stage. It is for schools to decide on the most appropriate ordering for their situation.
Curriculum Overview for Year 4

**Reading**
- Secure decoding of unfamiliar words
- Read for a range of purposes
- Retell some stories orally
- Discuss words & phrases that capture the imagination
- Identify themes & conventions
- Retrieve & record information
- Make inferences & justify predictions
- Recognise a variety of forms of poetry
- Identify & summarise ideas

**Number/Calculation**
- Know all tables to 12 x 12
- Secure place value to 1000
- Use negative whole numbers
- Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100 (C)
- Column addition & subtraction up to 4 digits
- Multiply & divide mentally
- Use standard short multiplication

**Science**
- Classify living things
- Digestive system & teeth
- Food chains

**Chemistry**
- Changes of state
- The water cycle

**Physics**
- Sound as vibrations
- Electricity: simple circuits & conductors

**Science (Biology)**
- British History (taught chronologically)
  - Roman Empire & impact on Britain:
    - Julius Caesar's attempted invasion
    - Roman Empire & successful invasion
    - British resistance, e.g. Boudicca
    - Romanisation of Britain
- Broader History Study
  - A local history study, i.e.
    - A depth study linked to a studied period
    - A post-1066 study of relevant local history

**Humanities**
- Art & Design (LKS2)
  - Use sketchbooks to collect, record and evaluate ideas
  - Explore mastery of techniques such as drawing, painting and sculpture with varied materials
  - Learn about great artists, architects & designers

**Design & Technology (LKS2)**
- Use research & criteria to develop products which are fit for purpose
- Use annotated sketches and prototypes to explain ideas
- Evaluate existing products & improve own work
- Use mechanical systems in own work
- Understand seasonality; prepare & cook mainly savoury dishes

**History**
- Modern
  - Listen & engage
  - Ask & answer questions
  - Speak & write in sentences using familiar vocabulary
  - Develop appropriate pronunciation
  - Show understanding of words & phrases
  - Appreciate stories, songs, poems & rhymes
  - Broaden vocabulary

**Languages (LKS2)**
- Geography (LKS2)
  - Geographical skills
  - Investigate places & environments
  - Study global connections
  - Understand the use of maps & globes
  - Investigate the effect of natural & human processes on places & environments
  - Study the effect of globalisation on places & environments

**Computing (LKS2)**
- Design & write programs to achieve specific goals, including solving problems
- Use logical reasoning
- Understand computer networks
- Use internet safely and appropriately
- Collect and present data appropriately

**Modern**
- Choose a wide range of live & recorded music
- Begin to develop understanding of history

**Music (LKS2)**
- Framework for Religious Education in Catholic Schools (Unit Plans)

Created by Michael Tidd

www.primarycurriculum.me.uk
Curriculum Overview for Year 5

Reading
- Apply knowledge of morphology & etymology when reading new words
- Reading & discuss a broad range of genres & texts
- Identifying & discussing themes
- Make recommendations to others
- Learn poetry by heart
- Draw inference & make predictions
- Discuss authors’ use of language
- Retrieve & present information from non-fiction texts.
- Formal presentations & debates

Writing
- Secure spelling, inc. homophones, prefixes, silent letters, etc.
- Use a thesaurus
- Legible, fluent handwriting
- Plan writing to suit audience & purpose
- Develop character, setting and atmosphere in narrative

Mathematics
- 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 ten
- Use square & cube numbers

Science
- Life cycles of plants & animals (inc. mammal, insect, bird, amphibian)
- Describe changes as humans develop & mature

Chemistry
- Classify materials according to a variety of properties
- Understand mixtures & solutions
- Know about reversible changes; identify irreversible changes

Physics
- Understand location and interaction of Sun, Earth & Moon
- Introduce gravity, resistance & mechanical forces

English

Grammar
- Use expanded noun phrases
- Use modal & passive verbs
- Use relative clauses
- Use commas for clauses
- Use brackets, dashes & commas for parenthesis

Spoken Language & Listening
- Give well-structured explanations

Number/Calculation
- 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

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

History

British History (taught chronologically)
- Anglo-Saxons & Vikings, including:
  - Roman withdrawal from Britain; Scots invasion
  - Invasions, settlements & kingdoms
  - Viking invasions; Danegald
  - Edward the Confessor

Science

Biology
- Life cycles of plants & animals (inc. mammal, insect, bird, amphibian)
- Describe changes as humans develop & mature

Chemistry
- Classify materials according to a variety of properties
- Understand mixtures & solutions
- Know about reversible changes; identify irreversible changes

Physics
- Understand location and interaction of Sun, Earth & Moon
- Introduce gravity, resistance & mechanical forces

Art & Design (UKS2)
- Use sketchbooks to collect, record, review, revisit & evaluate ideas
- Improve mastery of techniques such as drawing, painting & sculpture with varied materials
- Learn about great artists, architects & designers

Computing (UKS2)
- Design & write programs to solve problems
- Use sequences, repetition, inputs, variables & outputs in programs
- Detect & correct errors in programs
- Understand uses of networks for collaboration & communication
- Be discerning in evaluating digital content

Design & Technology (UKS2)
- 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 & evaluate existing products and improve own work
- Use mechanical & electrical systems in own products, including programming
- Cook savoury dishes for a healthy & varied diet

Geography (UKS2)
- Name & locate counties, cities, regions & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and of the Americas
- Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
- Use 4- & 6-figure grid references on OS maps
- Use fieldwork to record & explain areas

Modern Languages (UKS2)
- Listen & engage
- Engage in conversations, expressing opinions
- Speak & write in paragraphs
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in simple reading
- Adapt known languages to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender

Music (UKS2)
- Perform with control & expression solo & in ensembles
- Improvise & compose using dimensions of music
- Listen to detail & recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers

Education (UKS2)
- Use running, jumping, catching & throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility & control in gym, dance & athletics
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests
- Swimming proficiency up to 25m (KS1 or KS2)

Religious Education

Framework for Religious Education in Catholic Schools (Unit Plans)
# Curriculum Overview for Year 6

## Reading
- Read a broad range of genres
- Recommend books to others
- Make comparisons within/across books
- Support inferences with evidence
- Summarising key points from texts
- Identify how language, structure, etc. contribute to meaning
- Discuss use of language, inc. figurative
- Discuss & explain reading, providing reasoned justifications for views

## Writing
- Use knowledge of morphology & etymology in spelling
- Develop legible personal handwriting style
- Plan writing to suit audience & purpose; use models of writing
- Develop character & setting in narrative
- Select grammar & vocabulary for effect
- Use a wide range of cohesive devices
- Ensure grammatical consistency

## English
- Use appropriate register/style
- Use the passive voice for purpose
- Use features to convey & clarify meaning
- Use full punctuation
- Use language of subject/object

## Grammar
- Spoken Language & Listening
- Use questions to build knowledge
- Articulate arguments & opinions
- Use spoken language to speculate, hypothesise & explore

## Art & Design (UKS2)
- Use sketchbooks to collect, record, review, revisit & evaluate ideas
- Improve mastery of techniques such as drawing, painting and sculpture with varied materials
- Learn about great artists, architects & designers

## Mathematics
- Fractions, decimals & percentages
- Compare & simplify fractions
- Use equivalents to add fractions
- Multiply simple fractions
- Divide fractions by whole numbers
- Solve problems using decimals & percentages
- Use written division up to 2dp
- Introduce ratio & proportion

## Number/Calculation
- Secure place value & rounding to 10,000,000, including negatives
- All written methods, including long division
- Use order of operations (not indices)
- Identify factors, multiples & primes
- Solve multi-step number problems

## Geometry & Measures
- Confidently use a range of measures & conversions
- Calculate area of triangles / parallelograms
- Use area & volume formulas
- Classify shapes by properties
- Know and use angle rules
- Trans late & reflect shapes, using all four quadrants

## Data
- Use pie charts
- Calculate mean averages

## Science
- Classification, including micro-organisms
- Health & Lifestyles, incl. circulatory system
- Evolution & Adaptation

## History
- **British History (taught chronologically)**
  - An extended period study, e.g.
    - The changing power of monarchs
    - Significant turning points in British history
    - Crime & punishment
    - Leisure

## Science
- **Broader History Study**
  - Ancient Greece, i.e.
    - A study of Greek life and achievements and their influence on the western world

## Computing (UKS2)
- Design & write programs to solve problems
- Use sequences, repetition, inputs, variables and outputs in programs
- Detect & correct errors in programs
- Understand uses of networks for collaboration & communication
- Be discerning in evaluating digital content

## Design & Technology (UKS2)
- 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 & evaluate existing products and improve own work
- Use mechanical & electrical systems in own products, including programming

## Geography (UKS2)
- Name & locate counties, cities, regions & features of UK
- Understand latitude, longitude, Equator, hemispheres, tropics, polar circles & time zones
- Study a region of Europe, and of the Americas
- Understand biomes, vegetation belts, land use, economic activity, distribution of resources, etc.
- Use 4- and 6-figure grid references on OS maps
- Use fieldwork to record & explain areas

## Modern Languages (UKS2)
- Listen & engage
- Engage in conversations, expressing opinions
- Speak & write in paragraphs
- Develop appropriate pronunciation
- Present ideas & information orally
- Show understanding in reading
- Adapt known language to create new ideas
- Describe people, places & things
- Understand basic grammar, e.g. gender

## Physical Education (UKS2)
- Use running, jumping, catching and throwing in isolation and in combination
- Play competitive games, applying basic principles
- Develop flexibility & control in gym, dance & athletics
- Take part in Outdoor & Adventurous activities
- Compare performances to achieve personal bests
- Swimming proficiency up to 25m (KS1 or KS2)

## Music (UKS2)
- Perform with control & expression solo & in ensembles
- Improvise & compose using dimensions of music
- Listen to detail and recall aurally
- Use & understand basics of staff notation
- Develop an understanding of the history of music, including great musicians & composers

## Religious Education
- Framework for Religious Education in Catholic Schools (Unit Plans)