

Curriculum Overview for Y5 Spring 2020

Maths

Geometry & Measures

- Identify 3-d shapes.
- Measure & identify angles.
- Compare and classify triangles, according to their properties.
- Read scales.
- Measure, compare, add and subtract weights (masses) using kg/g
- Convert between different units of measure, e.g. kilometres to metres, metres to centimetres, etc.
- Recognise and estimate volume and capacity using ccs and mls.

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Fractions, Decimals & Percentages

- Compare & order fractions.
- Multiply fractions by units.
- Write decimals as fractions.
- Order & round decimal numbers.
- Link percentages to fractions & decimals.
- Solve measure and money problems involving fractions and decimals.

Religious Education

Christmas

Children will hear about the story of Christmas from St. Matthew's Gospel. They will explore the difficulties faced by Mary and Joseph and the tensions that arose in King Herod.

Baptism

Children will explore the role of John the Baptist in the Baptism of Jesus. They will study the signs, symbols and prayers associated with the Sacrament of Baptism.

Parables and Sayings of Jesus

Children will gain a greater understanding of the Parables of Jesus. They will explore the concept of the Kingdom of God from the teachings of Jesus and ways in which Christians respond to this teaching today through their belonging to the Church.

Lent

Children will learn that Lent is a season of change for Christians to become more like Christ. They will gain an understanding of some things that damage human relationships and the consequences of giving in to temptations that are wrong.

Wider Learning Projects (History, Geography, Art, DT, Music, Dance, Drama)

ART (sculpture)

- To create sketch books to record their observations and use them to review and revisit ideas
- To improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]
- About great artists, architects and designers in history.

History (Crime and Punishment)

- A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066
- Changes in an aspect of social history, such as crime and punishment from the Anglo-Saxons to the present or leisure and entertainment in the 20th Century

Music

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

English- Spoken/ Reading/ Writing

Reading

- Read & discuss fiction (The lion, the witch and the wardrobe)
- Identify & discuss themes and typical features.
- Draw inference & make predictions.
- Discuss authors' use of language.
- Predict what might happen from details stated and implied.
- Retrieve & present information from non-fiction texts.
- Summarise the main ideas drawn from more than one paragraph, identifying key details that support the main ideas.
- Identify how language, structure and presentation contribute to meaning.

Writing

- Secure spelling, including homophones, prefixes, silent letters.
- Use a dictionary and a thesaurus.
- Use legible, joined, fluent handwriting.
- Plan writing to suit the audience & purpose.
- Develop character, setting and atmosphere in narrative.
- Use organisational & presentational features.
- Investigate different ways of writing dialogue including a play script layout & the use of informal language.
- Recognise and use informal and formal language.
- Proof-read.

Science

Physics - Forces

In this topic the children will look at a range of different forces: gravity, air resistance, water resistance & friction. They will develop an understanding of balanced & unbalanced forces and their effects.

Chemistry - Properties and Changes of Materials

In this topic the children will classify materials according to a variety of properties. They will learn the difference between mixtures & solutions and will know about reversible and irreversible changes.

P.E.

Dance and Tennis.

Children will learn how to correctly hold a racket and hit a ball.

Children will learn different movements to create a dance routine.

Children will need their P.E. kits on Mondays and Tuesdays.

ICT/Online Safety

We are game developers: Developing an interactive game. We will:

- Create original artwork and sound for a game.
- Design and create a computer programme for a computer game which uses sequence, selection, repetition and variables.
- Detect and correct errors in their computer game.

Homework

- Please read with your child and practise spellings daily
- Help your child learn and recall times tables.
- Weekly Maths activity
- Talk homework supports your child's writing activities in school.
- Homework is given out on Friday and is due back for the following Thursday.