



Curriculum Map for Year 4 Spring Term

CORE SUBJECTS

RE

Come and See

Children will know...

Local Church-Community:

Know and understand the life of the local Christian community.

Recognise the significance of the local parish community.

Describe some ways people serve their parish community.

Children will be able to :

Retell and make links between the call of the apostles and God's call to people to serve him today.

Use religious words or phrases to describe the actions and symbols within a funeral mass.

Give reasons why people give service to the parish community through various ministries.

New Life :

Good news brings life.

Learn about the story of Pentecost and how the Holy Spirit gave courage to the apostles.

The Ethiopian receives the new life of Jesus.

The Story of Paul the apostle and his role in sharing the Good News of Jesus.

Children will be able to..

Retell some special stories about the religious event and people connected with Pentecost.

Know and understand the new life of the Easter message is spread through the power of the Holy Spirit.

Describe some ways in which the Apostles spread the Good News through the power of the Holy Spirit.

Faith development

Ongoing preparation and catechist session for the sacrament of First Holy Communion.

Children will be able to...

Plan a class Liturgy

Pray reflectively

English - Reading

Mechanics (Phonics)

Children will be able to...

Employ secure decoding of unfamiliar words.

Read high frequency words and common exception words quickly and accurately at sight.

Recognise alternative sounds for graphemes.

Read words containing common suffixes.

For meaning

Children will be able to...

Make predictions, using events and evidence from a story.

Discuss vocabulary choices used by the author and describe the impact it has upon the reader..

Answer questions about unfamiliar texts.

Recognise a variety of forms of poetry.

Make inferences and justify predictions.

Describe some of the presentation features and layouts of different texts.

Clarify the meaning of words by linking new meanings to known vocabulary.

Infer characters' behaviour, feelings and actions making references to the text.

For enjoyment (Opportunities)

Children will know...

How to use the library.

Read on a variety of media.

Children will be able to...

Discuss their favourite books and authors and make recommendations through book reviews.

Read for pleasure.

English - Writing

Mechanics

Children will be able to...

Correctly spell common homophones.

Increase regularity of handwriting.

Plan writing based on familiar forms.

Organise writing into paragraphs.

Use simple organisational devices .

Proof-read for spelling and punctuation errors.

Evaluate own and others' writing.

Read own writing aloud, focussing on clarity, volume and expression.

Authorship

Narrative:

Stories with set in imaginary worlds.

Non-Fiction:

Biographies and autobiographies.

Non-chronological reports.

Accuracy as a writer

Children will be able to...

Use subordinate and "ambitious" connectives to both begin and extend sentences.

Use and punctuate direct speech.

Begin to use relative clauses within sentences.

Use perfect tense appropriately.

Vary nouns within writing to avoid repetition.

Use commas after fronted adverbials.

Maths

Number

Children will be able to...

Recognise the value of each digit in a four-digit number and place on a landmarked line.

Mentally add and subtract from a four digit number using place value.

Recall and use multiplication facts of all tables to 12x12.

Read and use Roman numerals to 100.

Recall number bonds to 10,20, 50 and 100 .

Calculation

Children will be able to...

Use written methods to subtract pairs of decimal numbers.

Multiply and divide 3 digit numbers by a single digit number using formal written methods.

Add and subtract numbers with up to 4 digits, using column addition and subtraction.

Find non-unit fractions of two and three digit numbers.

Use knowledge of halving and doubling when multiplying and dividing by 10 or 20.

Use formal written methods for multiplication when multiplying 2 and 3 digit numbers by 1 digit numbers.

Use formal written methods to divide 2 and 3 digit numbers by a 1 digit number.

Mentally multiply and divide using knowledge of multiplication facts.

Shape & Space, Measure and Data Handling

Children will be able to...

Recognise right, acute and obtuse angles and begin to use a protractor to measure different angles.

Identify parallel and perpendicular lines.

Identify symmetry in "d" shapes and continue symmetrical patterns.

Describe the properties of both 2D and 3D shapes.

Read and calculate time differences using analogue and digital displays in both the 12 and 24 hour clock.

Use and application

Solve a problem by identifying and prioritising information and given facts..

Use mathematical language to describe patterns. Select the mathematical skills needed to for an investigation.

Science

Scientific Knowledge

Sound

Children will know...

That sounds are made when something vibrates.

Be able to describe how sound travels from a source.

The factors that affect the volume and pitch created by a musical instrument.

Habitats

Children will know...

The places that different living things live and recognise why they live there.

About feeding relationships of different organisms within a particular habitat.

Recognise that habitats can change and know this has an impact upon the organisms living there.

Scientific Skill

Sound

Children will be able to..

Use scientific vocabulary to describe and explain.

Carry out a fair test, using simple scientific equipment.

Use tables to record results accurately.

Habitats

Children will be able to..

Describe the features of a habitat, recognising why they are suited to the organism living there.

Create food chains and webs to illustrate feeding relationships.

Use statistics and data to find out ways in which a specific habitat has changed.

FOUNDATION SUBJECTS

Reading and writing letters about my family.

Humanities (History & Geography)

Natural Disasters

Children will know...

How extreme weather such as hurricanes occur and recognise the devastation they can cause.

Recognise what causes earthquakes to happen and understand their consequences.

Understand why floods happen and identify ways in which they can be prevented.

Children will be able to...

Understand ways in which to keep safe during a tornado by creating a list of rules to follow and a safety poster.

Plot significant earthquakes on a world map.

Create a bar chart showing the magnitude of significant earthquakes.

Describe the effects flooding might have on a community.

Art & Design Technology

Georgia O'Keefe

Children will know...

Explore, discuss and appreciate the artwork of Georgia O'Keefe.

Recognise important features of O'Keefe's work and describe some of the techniques and materials she used.

Make comparisons between O'Keefe's work and that of similar artists.

Children will be able to...

Develop observational skills, using a magnifying lens to recognise and draw in detail.

Use a view finder to select a part of their object to sketch.

Use oil pastels to layer and blend to create a range of colours, textures and effects.

Experiment with line, pattern and colour.

Review and evaluate own work.

ICT and Computing

Digital Literacy

Children will know...

Communicate over the internet e.g. Skype, email, Facetime.

Understand computer networks, create and email account and send an email to a partner.

How to carry out effective research using computer search technologies.

Evaluate the reliability of different search technologies and data.

Use data to present findings in a Powerpoint presentation.

Use ipads and Apple TV to present work to other pupils in class.

Photo Editing Software and Paint Programs.

Children will know...

How to search, download and resize a chosen graphic or image.

How to use photo editing software such as Picassa 3 or Photoshop Plus to edit and alter downloaded images and create different effects.

How to save and print completed work.

Music

Cello, violin and viola tuition (whole class)

Children will be able to...

Hold their instrument correctly and name the different parts of their instrument.

Recognise that the instrument's size and the thickness of the string will affect its pitch and the sound it makes.

Recognise that different notes can be played on string instruments.

Be able to use the strings to play different notes.

Read sheet music to create different notes.

Play along to a backing track or accompaniment and as part of a whole class "orchestra".

Begin to hold the bow correctly and use this to create different notes.

PE

Games : Quicksticks Hockey.

Children will be able to ...

Use space safely and effectively.

Learn how to hold a hockey stick correctly in order to control the ball.

Receive and pass the ball accurately to a partner or team mate.

Control and dribble a ball while travelling.

Tag Rugby

Children will be able to...

Find and use a space safely and effectively.

Travel different ways with a ball such as running side stepping and dodging.

Throw and catch with increasing skill and accuracy.

Play small sided team games, beginning to follow the rules of a rugby game.

Swimming

Children will be able to..

Swim competently, confidently and proficiently over a distance of at least 25 metres

Use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]

Perform safe self-rescue in different water-based situations.

Colours and preferences.

Languages

Asking and answering questions.

EXTENDED LEARNING OPPORTUNITIES

ICT

Using i-pads and apps such as Pic Collage, Aurasma, i-Movie to support learning, as well as to record and research. Use of visualiser to model, demonstrate and share learning.

Arts and Culture (inc. visits/vistors)

*Stem-visitor.
Visit to the Centre for Life/Safetyworks.
Opportunities to attend extra-curricular clubs such as Art Club, Animation Club and choir.*

RRSA & Global Citizenship

*Kenya (Spring 1)
Mission Week (Spring 2)*

Outdoor Learning

Forest School-links to the work of artist, Andy Goldsworthy.

Sport and Exercise

Opportunities to participate in the Gateshead School Sports Partnership.