



Curriculum Map for Year 5 Autumn Term

CORE SUBJECTS

RE

Come and See

Children will know...

Ourselves

Ourselves as made in the image and likeness of God.

Life Choices

The call to live and love in the community.

The Sacrament of Marriage: Signs, symbols and commitments.

Hope

Advent is the church's season of waiting in joyful hope for the coming of Jesus at Christmas and at the end of time.

Children will be able to..

Retell stories from scripture.

Describe and give reasons for the actions of Christians.

Make links between scripture stories and the beliefs and actions of Christians.

Compare their own and other peoples' ideas about questions that are difficult to answer.

World Faiths

Judaism: Pesach

Children will know...

The story of the first Passover.

How and why the Passover is celebrated.

That the Shema is a statement of Jewish belief.

Faith development

Children will be able to...

Plan a reflective class liturgy based on a theme.

Identify appropriate scripture passages.

Spend time reflecting on a range of faith-based stimuli.

Make contributions throughout class, key stage and whole-school liturgies and masses.

English - Reading

Mechanics

Children will be able to...

Read most words effortlessly.

Work out how to pronounce unfamiliar words with increasing automaticity.

Read silently and discuss what has been read.

For meaning

Children will be able to...

Identify the main idea from one or more paragraphs.

With support, can explain their understanding of what has been read.

Deduce characters thoughts, feelings and motives for their actions.

Give reasons for the author's use of structural devices in different fiction and non-fiction texts.

Comment on the impact of different descriptive devices used within narrative texts.

Identify the key themes of a range of texts related to social issues.

For enjoyment (Opportunities)

Evaluate and make judgements on books to make recommendations to peers.

Search for books based upon genre and theme using reading cloud.

Shared reading and discussion of books in class.

Weekly award of 'Year 5 Reading Champion' for enthusiasm related to reading.

English - Writing

Mechanics (Spelling and Grammar)

Children will be able to...

Spell words which end in -cious and -tious.

Spell words which end in -cial and -tial.

Spell words which end in -ant, -ance and -ancy.

Spell words which end in -ent, -ence and -ency.

Spell words ending in -ible and -able.

Spell words ending in -ibly and -ably.

Add suffixes beginning with vowel letters to words ending in -fer.

Hyphenated Words

Words containing the letter string -ei and -ie

Words containing the letter string -ough

Words containing silent letters -b and -c

Use apostrophes for contractions.

Convert nouns or adjectives into verbs using suffixes (for example -ise, -ate and -ify)
Use verb prefixes (dis-, de-, mis-, over- and re-)

Use a legible and joined writing style.

Authorship

Narrative:

Writing to Entertain:

Developing setting as a character

Non-Fiction:

Writing to Inform:

Report Writing

Instructions Writing

Accuracy as a writer

Children will be able to...

Use a variety of sentence openers to create atmosphere (Fronted adverbials, adjectives, similes and verb participles).

Integrate dialogue (punctuate direct speech accurately).

Use commas to separate items in a list.

Use relative clauses to provide extra information about a noun.

Separate clauses using commas, brackets and dashes.

Maths

Number

Children will be able to...

Fluently read, write, order and round up 5-digit numbers.

Add and subtract multiples of 10, 100 and 1000 from 5-digit numbers.

Recognise and write the place value of decimal numbers up to two decimal places.

Read, write, order and compare numbers with up to two decimal places.

Identify multiples and factors of numbers including finding all factor pairs and common factors and multiples..

Recognise multiples of numbers up to 12 x 12.

Know and apply tests of divisibility.

Find equivalent fractions and reduce them to their simplest form.

Identify equivalent fractions decimals and % for quarters, halves and fifths

Calculation

Children will be able to...

Fluently calculate 4 digit addition and subtraction problems using a formal written method

Add and subtract increasingly large numbers using an appropriate mental method.

Multiply and divide whole and decimal numbers by 10,100 and 1000.

Multiply and divide numbers mentally drawing upon known facts, place value and properties of numbers to support mental calculation with larger numbers and decimals.

Use a formal written method to multiply and divide 3-digit numbers by a single digit.

Shape & Space, Measure and Data Handling

Children will be able to...

Convert between the 12hr and 24 hr clock.

Read timetables and find time intervalsConvert between units of metric measurement for length.

Measure and calculate the perimeter of rectilinear shapes in cm and mm.

Use a protractor to draw and measure a range of angles

Use angle facts to solve missing angle problems on a straight line and around a point.

Use and application

Find all possibilities by working systematically.

Develop strategies for recording and presenting findings.

Science

Scientific Knowledge

Properties and Changes of Materials

Classify materials based on their properties and explain how materials change state.

How does a material's properties suit its role? (Hardness, Magnetism, Transparency, Thermal Insulation and Conductivity)

Describe and explain how solutions and mixtures can be separated.

How water filters clean dirty water.

Identify and give examples of reversible and irreversible changes.

How scientists make new materials.

Scientific Skill

Properties and Changes of Materials

Children will be able to...

Use science models to explain scientific ideas.

Collect sufficient repeated readings.

Select the most appropriate way to present data.

Draw diagrams to help describe and explain.

Use complex science words accurately.

Select the most suitable independent variable.

Make a set of accurate observations.

FOUNDATION SUBJECTS

Humanities (History & Geography)

Anglo-Saxons and Vikings - Tales from Northumberland

Children will know:

Why did the Anglo-Saxons invade?
Where did the Anglo-Saxons live and how do we know?

What was life like for the Anglo-Saxon settlers?

How effective was Anglo-Saxon justice?

How did people's lives change when Christianity returned to Britain?

Just how dark were the 'Dark Ages'?

Just how great was Alfred?

Why do the Vikings have such a bad reputation?

How have recent discoveries changed our view of the Vikings?

How did the Vikings try to take over the country and how close did they get?

What can we learn about Viking settlements by studying place-name endings?

Children will be able to:

Construct an evidence-based historical explanation.

Use and then evaluate a piece of historical evidence.

Assess the usefulness of artefacts for finding out about the past.

Describe an aspect of social history.

Select, sequence and organise historical information.

Make and give reasons supporting reasons for judgements.

Rank information based on significance.

Frame historically valid questions.

Evaluate the use of written evidence for learning about the past.

Recognise patterns in similarities and differences.

Art & Design Technology

Art:

Textiles

Children will be able to:

Create sketch books to record, review and revisit their designs and ideas.

Use a simple weaving technique using strong wool and a thick card loom.

Select appropriate colours and patterns based on investigating significant historical craftspeople and practitioners.

Design and Technology:

Model Viking Longboats

Children will be able to:

Evaluate their own and existing products against design criteria.

Use computer-aided design software to plan and design ideas.

Build a framework structure using appropriate materials.

Use a glue gun join parts accurately.

Select materials appropriate materials for their design based on a combination of functional and aesthetic qualities.

ICT and Computing

E-Safety

Children will be able to:

Use technology safely, respectfully and responsibly.

Recognise the consequences of acceptable and unacceptable behaviour.

Understand how information can be spread and misinterpreted.

Identify a range of ways to report concerns about online content and contact.

Digital Literacy

Children will be able to:

Use the internet to communicate and collaborate with others.

Use search operators and an understanding of search technologies to find information effectively.

Evaluate the reliability of information found online.

Select, use and combine a range of appropriate programmes and software to present data and content on different digital platforms.

Music

Exploring Rounds

Children will be able to:

Perform in unison and as a round in groups.

Explore the movement of pitch in a song.

Perform chords as an accompaniment to a song.

Perform a round with an accompaniment.

Perform a four part round with an accompaniment.

Explore the use of musical phrases and ostinato in a song.

Discuss ways to improve a performance.

Appreciate the work of Great Composers

Children will be able to:

Identify how different sounds are used to illustrate characters or settings.

Understand the role of incidental music to tell a story.

Recognise the use of repeated motifs.

Understand basic rhythm patterns.

Explore how instruments are used to create different moods and feelings.

Identify the use of rests and pauses in a piece of music.

PE

Football

Children will be able to:

Control the ball with all allowed parts of the body.

Travel with the ball under control with interference from an opponent.

Change direction using a range of different turns.

Manipulate and protect the ball when dribbling in tight areas and make decisions.

Use a range of different moves, feints and accelerations to get past and away from an opponent.

Employ core defensive principles in a 1v1 situation.

Hockey

Children will be able to:

Dribble a hockey ball using a controlled technique and pass accurately to a teammate.

Use a safe and efficient tackling technique in a 1v1 situation.

Plan and execute tactics in game-based scenarios.

Dance

Children will be able to:

Recognise and demonstrate examples of basic dance action terminology.

Combine basic dance actions to form a choreographed Motif.

Work collaboratively to choreograph and evaluate a dance using technical vocabulary.

Gymnastics

Children will be able to:

Make a balance whilst holding their own body weight.

Use their hands to receive bodyweight. Create shapes while pushing and pulling away from an object.

Languages

Children will know:

Daily Routines

Numbers 41 – 60

Months of the year and Festivals

Seasons and revision of weather

Children will be able to:

Conjugate some ER verbs

Read and write a letter about a typical day

How to express dates & Birthdays

Learn a weather poem & write a verse

EXTENDED LEARNING OPPORTUNITIES

ICT

Using iPads throughout the curriculum with apps such as Aurasma, Bible Gateway, Padlet, Morpho and I Can Animate.

Arts and Culture (inc. visits/vistors)

Visit to Bede's World.
Visit to the Theatre Royal for the Christmas Pantomime Performance

RRSA & Global Citizenship

The work of UNICEF and the Global Goals.
Regular cross-curricular links made with the UN Convention on the Rights of the Child.
Collapsed curriculum week focused on RRSA.

Outdoor Learning

Forest School: Woodland Ecosystems
Designing a water filter science experiment.

Sport and Exercise

Involvement with Cycling Generation .
Opportunities to take part in a range of sporting clubs and Gateshead School Sport Partnership cluster events.