

Introduction

This guide is intended to support parents of children at Keighley St Andrew's Church of England Primary School & Nursery. The guide will provide you with an overview of the new national curriculum. We hope that by reading this you will be able to support your child in making the best of their time at the school.

Changes in the curriculum

English, Maths and Science remain the core subjects in education. The National Curriculum sets out in some detail what must be taught in these subjects, and they will take up a significant part of your child's learning week.

Alongside these are the foundation subjects: Art, Computing, Design & Technology, Geography, History, Music, and Physical Education. For these subjects the objectives are much briefer and the school has flexibility in how these are delivered.

The new curriculum has much higher expectations than in previous years and the content is very demanding. In mathematics there is now emphasis on arithmetic and working with fractions. In English lessons there will now be more attention paid to the study of grammar and spelling.

If your child is achieving well, rather than moving on to the following year group's work we will encourage more in-depth and investigative work, allowing a greater mastery and understanding of concepts and ideas.

Tests your child will take

As part of assessment Keighley St Andrew's tests are used as part of a normal classroom routine, and support teachers' judgements. The National Curriculum Tests are compulsory for children at the end of Year 2 and Year 6 which are often informally known as 'SATs'. Children in these year groups will undertake tests in Reading, Mathematics, and Grammar, Punctuation & Spelling. The tests will be sent away for marking, and results will be reported to schools and parents at the end of the year.

The new National Curriculum Tests for children in Year 2 and Year 6 will take place each summer from 2016. Children in other year groups may also have tests around the same time.

Where previously these tests – and other teacher assessments – were graded in levels (normally numbering between Level 1 and Level 6 in primary school) at Keighley St Andrews Primary School, we assess children using the descriptors of emerging, developing, secure and mastery.

At all stages of your child's education we will provide you with the information as to how your children is progressing.

Mathematics in Year 1

In year 1 the children will naturally build on the learning that takes place in the Reception year. In reception your children will be assessed using the statutory 'Development Matters' document, this is passed on to the year 1 children to ensure a curriculum which meets your child's needs.

Number and Place

Value Place value is central to mathematics. Recognising that the digit '5' in the number 54 has a different value from the number 5 or the '5' in 504 is an important step in mathematical understanding.

- Count, both forwards and backwards, from any number, including past 100
- Read and write numbers up to 100 as digits
- Count in 2s, 5s and 10s
- Find 'one more' or 'one less' than a number
- Use mathematical language such as 'more', 'less', 'most', 'least' and 'equal'

Calculations

- Use the +, − and = symbols to write and understand simple number calculations
- Add and subtract one- and two-digit numbers, up to 20
- Solve missing number problems, such as $10 - ? = 6$
- Begin to use simple multiplication by organising and counting objects

Fractions

- Understand $\frac{1}{4}$ and $\frac{1}{2}$ to explain parts of an object or number of objects

Measurements

- Use practical apparatus to explore different lengths, weights and volumes
- Use language such as 'heavier', 'shorter' and 'empty' to compare things they have measured
- Recognise the different coins and notes of British currency
- Use language of time, such as 'yesterday', 'before', days of the week and months of the year
- Tell the time to the hour and half-hour, including drawing clock faces

Shape

- Recognise and name some common 2-d shapes, such as squares, rectangles and triangles
- Recognise and name some common 3-d shapes, such as cubes, cuboids and spheres
- Describe movements, including quarter turns

Parent Tip There are plenty of opportunities for maths practice at home, from counting objects to simple games, such as dominoes and Snakes & Ladders. You can also begin to explore using money and clocks both in play at home and when out and about.

English in Year 1

In their initial years at Keighley St Andrews your child will develop confident as a reader, mainly using the phonics approach. At Keighley St Andrews we use the 'Letters and Sounds' document to support phonic teaching, please contact your child's teaching for support materials.

Phonics is the relationship between letters and the sounds they make. Children will first learn common simple sounds 's', 'a', 't'. As they progress children will learning how letters join to make complex sounds such as 'ai' and 'oi'. They will learn how to blend these together to make words.

Speaking and Listening

- Listen and respond to adults and other children
- Ask questions to extend their understanding
- Learn new vocabulary related to topics or daily life

Reading Skills

- Learn the 40+ main speech sounds in English and the letters that represent them
- Blend sounds together to form words
- Read aloud when reading books that contain familiar letter sound patterns
- Listen to, and talk about a range of stories, poems and non-fiction texts
- Learn about popular fairy tales and folk stories, and retell the stories
- Join in with repeated phrases in familiar books
- Make predictions about what might happen next in a book
- Explain clearly what has happened in a book they've read or listened to

Writing Skills

- Hold a pen or pencil in the correct and comfortable way
- Name the letters of the alphabet in order
- Write lower-case letters starting and ending in the right place
- Write capital letters, and the digits 0 to 9
- Spell simple words containing the main sounds they've learned in reading
- Spell the days of the week
- Learn to write words with common endings, such as -ed, -ing, -er and -est
- Plan out sentences aloud before writing them
- Write simple sentences, and those using joining words such as 'and'
- Begin to use full stops and capital letters for sentences
- Combine some sentences to make short descriptions or stories

Your child will be given a selection of books to read at home. These will include books which your child can read to you, and those which are more complex that they can listen to you read to them – both are important skills. Children can also join the local library service and choose books of their own.

Science in Year 1

As with all areas of the curriculum at Keighley St Andrews the science curriculum is based around real-life experiences for children. This includes everyday plants and animals, as well as finding out about different materials and the four seasons. Children will have lots of opportunities for exploring science both in the classroom and the local area.

Scientific Investigation

Children are encouraged to carry out their own observations and experiments to further their scientific understanding.

Children will learn to:

- Ask scientific questions
- Carry out simple tests, and make observations
- Collect information to answer questions
- Group together objects according to their properties or behaviours

Plants and Animals

- Name a selection of common plants, including deciduous and evergreen trees
- Name the main parts of plants and trees, such as roots, stems, trunks and leaves
- Name a variety of common animals, including mammals, fish, birds, reptiles and amphibians
- Name some common animals which are carnivores, herbivores and omnivores
- Name the main parts of the human body, including those related to the five senses

Herbivores: animals which feed only on plants, e.g. rabbits

Carnivores: animals which feed on other animals, e.g. eagles

Omnivores: animals which eat both plants and animals, e.g. humans

Deciduous trees are those which lose their leaves in autumn, whereas evergreen trees – as the name implies – are those which retain their green colour all year round.

Everyday Materials

- Recognise that objects are made of materials
 - Name some everyday materials such as wood, metal, glass and plastic
 - Describe some of the properties of materials, e.g. that wood is hard
 - Group together items based on the materials they're made from or their properties, for example by grouping heavy objects or shiny objects
- Seasonal Change
- Observe changes across the four seasons
 - Observe and describe how the day and weather changes with the seasons

Parent Tip There are always plenty of ways in which families can support children at home with science. There may be a park or gardens near you which you can visit over the year and see how the flora changes with the seasons. You may also be able to visit a farm or nature park which provides plenty of opportunity for discussing the wide variety of the animal kingdom.

The Foundation Subjects

The foundation subjects play a key part in providing a broad and balanced curriculum. Additionally your child will be taught RE using the Bradford RE syllabus.

As a school we have developed progressive key skills for each curriculum area.

Art

An artist in Year 1 should be able to:

- Talk about their own ideas (in response to stories, rhymes, objects, natural world)
- Observe works of art and talk about how they have been created (colour, line, shape, media, texture, composition).
- Describe what they think about their own and others' work, using 'Art words'.
- Use the computer to draw pictures.
- Paint pictures using a variety of paints and brushes.
- Draw lines, shapes and patterns using a variety of media.
- Explore printing techniques and print with a variety of tools (fruit, vegetables and sponges) and blocks they have made themselves.
- Make collages using a large variety of materials.
- Weave using a range of fabrics and threads, colours and textures.
- Create 3D objects (sometimes with texture) using a variety of media

Computing

There are three main strands of the new Computing curriculum: information technology, digital literacy and computer science.

A computer user in Year 1 should be able to:

- Record and use images and video
- Use computers to create digital art.
- Represent and interpret data.
- Use the internet. With an understanding of how to stay safe.
- Give clear directions instructions (algorithms)
- Create and debug simple programs.

Design and Technology

Designers in Year 1 should be able to:

- Draw and talk about their own ideas.
- Talk about their own and other's work.
- Talk about how products work.
- Talk about textiles; how they feel, which products are made from textiles
- Make a textile product by using mark, measure, cut and glue
- Make a simple food product.
- Talk about where food comes from (Plants and animals)
- Make a structure from materials of their own choice and talk about it.
- Make a moving objects and describe it using DT words e.g. axels, turning mechanisms, hinges, levers

Geography

Geographers in Year 1 should be able to:

- Talk about, find and mark on a map the area they live in and places they have visited and know about.
- Draw simple 'bird's eye' view maps
- Describe the places they have visited using a variety of methods.
- Find out about and talk about places they have not visited.
- Talk about a place describing its physical features .e.g. hills and what it is like to live there, and compare differing localities.
- Talk about how places are linked e.g. roads, paths, sea, in the UK and the world.
- Talk about and record the daily weather.
- Explain how a place in/near school can be improved.

History

Historians in Year 1 should be able to:

- Talk about the past and present
- Order a few people, objects and events according to when they happened
- Ask historical questions
- Write and draw about the past
- Use books, stories, objects, people and places to find out about the past

Physical Education

- Talk about their performance and others.
- Copy, explore and move with control and care.
- Talk about how their body feels.
- Explain how to exercise safely.

- Move across a space with/without equipment in a variety of ways.
- Use a ball to roll, hit, catch and kick.

Music

Musicians in Year 1 should be able to:

- Choose sounds to represent different things and say the different moods they can hear in the music.
- Participate in performance singing, control long and short sounds with voices and instruments.
- Identify, create and change sounds.
- Compose a sequence of long and short sounds, clap rhythms and make sounds that are very different .e.g. high/low, loud/quiet

Languages

Foreign languages are not a compulsory part of study in Year 1