

A Guide to Year Six at Neroche Community Primary School



2021-2022

General Information

Year 6 -Oak Class - is taught by Mr Smith and Mr Marriott is the HTLA in the class. The classroom is situated just off the hall. When the children arrive in the morning, they carry out reading, writing or maths related independent activities until the register. Break time is at 10.15am. Lunch is at 12.00pm. All children should bring a named water bottle in order to have access throughout the school day.

In Year 6, the children are expected to be role models and opportunities will be provided for them to gain the confidence and skills to transition to Secondary School. This includes taking on roles within school such as play-leaders, Reading Ambassadors, IT and Sports leaders. In addition to this, they can also be House Captains and Sports Captains.

In May, the children will take part in the Key Stage Two Assessments. They will also have the opportunity to go on the Year Six Residential (details will be made available as soon as possible).

Home Learning

- Spellings - Year 6 spelling rules are taught each week as well as Common Exception Words that derive from the National Curriculum word list for Year 5&6. A word list linked to the spelling rule will be posted on Google Classroom every Friday. A spelling rule check will then take place on the following Friday.
- Maths - Children will have a maths home learning activity set on Google Classroom each week. This will be set each Friday and be due in on the following Friday.
- Grammar – In Year 6, the children will also have a grammar task posted on Google Classroom.

Reading

Children in Year 6 will continue to use the reading programme Accelerated Reader and will take an online test in school to determine their ZPD range. In Year 6, we expect children to read a wide range of books from a variety of genres for pleasure, including those accessible to them in their range at school. The class teacher will continue setting children targets where they can earn their star badges. The children will continue working towards achieving their millionaire trophies. Children can continue to take part in the voluntary reading challenges set each term in order to gain reading challenge badges.

In Year 6, children will be exposed to books relating to their topics within English lessons. They will also take part in adult-led Whole Class Reading sessions each week. This will involve reading and analysing a text together and answering targeted comprehension questions independently. Year 6 will be provided with different opportunities throughout the day to read their own books independently. The class will also have an author focus every term, with a book being read by Mr Smith or Mr Marriott every day.

Writing

In Year 6 the children continue to follow English units of learning that result in extended pieces of writing relating to their current curriculum topics or science work. By having this approach, it ensures that the children have a wide range of writing experiences, both fiction and non-fiction, spanning a range of genres such as information booklets, recounts, reports, biographies, letters, retells and character descriptions. For more information on curriculum coverage, please see the English Overview in the Curriculum Subjects area of the school website.

Grammar and punctuation lessons are taught within these English sessions, in order to ensure that grammatical devices are given a context. At times, grammar will be taught as a discrete lesson. Spellings will be checked individually using a dictionary.

The expectation at Year 6 would be for children to use discussion time to generate and share ideas, but for writing to be an independent activity where they pull all of their skills together to produce each text. The teacher and TA are on hand to support when needed with questions over grammar/punctuation, but the children will have their own ideas to record.

After each extended text has been produced, the children are able to edit their work independently and with partners using Purple Polishing Pens.

Maths

In Year 6, Maths focuses on consolidating and building upon knowledge and concepts from Year 5. Practical experiences and the use of visual and physical aids are still valued. Four lessons a week focus on a particular concept of Maths, whilst one lesson a week focuses on maths fluency and basic maths skills; consolidating place value knowledge and understanding of number concepts.

The children use the programme in school and can use it at home. The children also continue to have access to Times Table Rock Stars. When children have successfully gained fluency in their times tables up to 12x12, they will have the opportunity to become 'Times Table Champions'. This could involve leading a times table lunch club or assisting children with their times tables in lessons.

Children are exposed to and expected to have knowledge of the following key objectives in preparation for their SATs tests at the end of the year:

- read, write, order and compare numbers up to 10,000,000; determine the value of each digit; round any whole number to a required degree of accuracy; use negative numbers in context and calculate intervals across 0
- multiply multi-digit numbers up to 4 digits by a two-digit whole number ; divide numbers up to 4 digits by a two-digit whole number and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context; identify common factors, common multiples and prime numbers; solve addition and subtraction multi-step problems in contexts
- simplify, compare and order fractions, including fractions >1 ; add and subtract fractions with different denominators and mixed numbers; multiply and divide simple pairs of proper fractions, writing the answer in its simplest form
- identify the value of digits in numbers given to 3 decimal places; multiply and divide numbers by 10, 100 and 1,000; multiply one-digit numbers with up to 2 decimal places by whole numbers; use written division methods in cases where the answer has up to 2 decimal places

- recall and use equivalences between simple fractions, decimals and percentages; solve problems involving the calculation of percentages; use of percentages for comparison
- use simple formulae; generate and describe linear number sequences; express missing number problems algebraically; find pairs of numbers that satisfy an equation with 2 unknowns;
- solve problems involving the calculation and conversion of units of measure; use, read, write and convert between standard units, converting measurements of length, mass, volume and time; convert between miles and kilometres
- recognise that shapes with the same areas can have different perimeters and vice versa; to use formulae for area and volume of shapes; calculate the area of parallelograms and triangles; calculate, estimate and compare volume of cubes and cuboids
- draw 2-D shapes using given dimensions and angles; recognise, describe and build simple 3-D shapes, including; compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons
- name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius; recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles
- describe positions on the full coordinate grid (all 4 quadrants); draw and translate simple shapes on the coordinate plane, and reflect them in the axes
- interpret and construct pie charts and line graphs and use these to solve problems; calculate and interpret the mean as an average

Science

Science units will continue being taught in blocks once a week. In Year Six, children will be exposed to the topics: Evolution and Inheritance; Animals, including humans; Living Things and their habitats; Light and Electricity. As well as this, children will build upon their scientific enquiry skills.

PE

In Year 6, PE is taught twice a week. The children will participate in the following sports; cross country, hockey, netball, tag rugby/football, dance/yoga, gymnastics, tennis, racket sport, cricket, athletics, rounders and forest school. Each half term the children will focus on 2 of these. This enables the children to master the following skills;

- Use running, jumping, throwing and catching in combination.
- Play competitive sports understanding the key principles.
- Develop flexibility, strength, technique, control and balance.
- Take part in outdoor and adventurous activity challenges both individually and within a team.
- Compare their performances with previous ones and demonstrate improvement to achieve their personal best.

RSHE

In Year 6, the children are on a rotation of activities throughout the year and have a 40 minute to an hour session as a whole class. Activities include water safety, alcohol, stealing, worry, conception, British values and transition. This will be taught through online videos, whole class discussions and independent work.

History

In Year 6, History is taught in three of the six half terms across an academic year. The children will be learning about World War 1, Ancient Egypt and Crime and Punishment through History. The children will also be developing their historical enquiry skills.

Geography

In Year 6, Geography is taught in three of the six half terms across an academic year (the opposite half terms to when history is taught). Children will understand geographical similarities and differences through the study of the United Kingdom and Canada's human and physical geography. The children will also master their field work and map skills. Children will also be learning about trade and economic links.

Design Technology

In Year 6, DT is taught in three of the six half terms across an academic year (the opposite half terms to when Art and Design is taught). During the year, the children will learn through a variety of creative and practical activities. They will be taught the knowledge, understanding and skills needed to engage in an iterative process of designing and making. They should work in a range of relevant contexts [for example, the home, school, leisure, culture, enterprise, industry and the wider environment].

Art and Design

In Year 6, Art is taught in three of the six half terms across an academic year (the opposite half terms to when DT is taught). Children will be taught to develop their techniques, including their control and their use of materials, with creativity, experimentation and an increasing awareness of different kinds of art, craft and design. They will continue to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials.

Computing

Computing will be taught once a week in Year 6 and will be taught in five different units:

- Programming - the children collect and create sound and image files to Plan an algorithm for a game. They will also plan and prepare an interactive model of a system in the human body.
- Internet Safety - the children will learn how to find similarities and differences between in-person and cyberbullying; identifying how the media play a powerful role in shaping ideas about girls and boys and using knowledge of online safety to create a multiple choice quiz.
- Multimedia – This unit will include forming a production team to create a promotional video for the school and planning a non-linear presentation based on a class topic- using appropriate images, web-links, internal hyperlinks, animation, sound and transitions.
- Technology in our lives - building a list of the different services the Internet provides and using this to increase the understanding of how the internet works and describing the risks children may need to consider when using online tools.
- Handling data – this will include how to plan an investigation using databases and how to collect data based on learning about websites.

RE

RE is taught every other half in in Year 6. In the Autumn Term, the children are taught about the story of Hinduism and learn about Dharma and Deity. They also learn about important stories within Hinduism such as the Blind Men and the Elephant. In the Spring Term, the children are taught about Atonement. The children explore in depth Salvation and the Easter Story.

In the Summer Term the focus in on Agape – focussing on selfless unconditional love. The children learn about the Beatitudes and key parables to develop their understanding of importance of forgiveness in Christian faith. All lessons in RE incorporate moments for reflection and discussion as well as, where possible, opportunities for the creative expression of their understanding through drama and art.

Music

In Year 6, music is taught once a term as a signal subject following a scheme of work called Express Music. Children will focus on the musical element 'performance' this is taught through 3 topics; world unite, journeys and moving on.

Children will draw upon all the musical skills and knowledge they have learnt throughout their time in school to play, perform in solo and in collaboration with others, use their voices, play instruments with increasing accuracy, fluency, control and expression. During each topic children will work towards an end performance. Children are encouraged to explore the history of music by listening to compositions from different composers and singing activities.

