

Curriculum Overview for Year 4

English

- Speak audibly and fluently with an increasing command of Standard English
- Listen, understand and respond appropriately to adults and peers
- Maintain attention and participate actively in collaborative conversations, staying on topic and initiating and responding to comments
- Apply their growing knowledge of root words, prefixes and suffixes, both to read aloud and to understand the meaning of new words they meet
- Use a range of monitoring and adjusting strategies when decoding words
- Develop positive attitudes to reading
- Understand what they read, in books they can read independently, by identifying how language, structure, and presentation contribute to meaning
- Retrieve and record information from non-fiction. Participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say
- Plan, draft, evaluate and edit their writing by discussing, composing organising and proofreading their own work
- Write with confidence in a wide range of genres using extended and more complex sentences
- Begin to use more complex punctuation correctly such as speech marks, commas and apostrophes
- Understand basic parts of speech and use them to improve their own writing
- Use dictionaries, thesauruses and word banks to check and enhance vocabulary
- Learn personal spellings and correct frequently misspelt words
- Increase the legibility, consistency and quality of their joined handwriting
- Develop an understanding of vocabulary, grammar and punctuation of Year 4 expectations

Art & Design

- European artists (portraits).
- Develop human creativity by providing engaging, inspiring and challenging activities.
- Develop knowledge and skills to experiment, invent and create.
- sketching techniques, painting watercolour
- planning and design of mosaics & lanterns
- pop-up storybooks (mechanical devices)
- investigating global food

Computing

- typing skills
- word-processing/desk top publishing
- graphics in conjunction with other subjects
- utilisation of class iPads and desktop computer to support and extend this work in normal class settings.
- learning a range of new technology mediums including internet navigation, touch-typing, search engines, email, photography, digital media and coding (amongst others).

Mathematics

- Use known number facts and place value to add or subtract mentally including any pair of two-digit whole numbers
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.
- Recall multiplication and division facts for multiplications tables up to 12 x 12
- Know and use the relationships between familiar units of length, mass and capacity
- Choose and use appropriate number operations and ways of calculating to solve problems both mentally and on paper
- Estimate, compare and calculate different measures, including money in euros and cents
- Use symbols correctly including less than (<), greater than (>), equals (=)
- Round any positive integer less than 10000 to the nearest 10, 100 or 1000
- Recognise simple fractions that are several parts of a whole and mixed numbers, recognise the equivalence of simple fractions, adding and subtracting fractions with the same denominator
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction
- Multiply 2-digit and 3-digit numbers by a 1-digit number using formal written layout
 - Compare and classify geometric shapes based on their properties and size
- Identify acute and obtuse angles and compare and order angles up to two right angles by size
- Measure and calculate the perimeter and area of shapes in centimetres and metres
- Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.
- Read, write and convert time between analogue and digital 12- and 24-hour clocks
- Recognise and write decimal equivalents of any number of tenths and hundredths as well as fractions $\frac{1}{4}$, $\frac{1}{2}$, and $\frac{3}{4}$
- Interpret and present data using appropriate graphical methods

German

- Verständlich, differenziert und weitgehend sprachrichtig sprechen
- Arbeitsanweisungen und altersgemäße Texte lesen und verstehen
- Eigene Texte verständlich und in Schreibrschrift verfassen und überarbeiten
- Zwischen Groß- und Kleinschreibung differenzieren
- Wort- und Satzarten unterscheiden, Satzteile und direkte Rede kennen

Geography

- Local study
- Under the sea
- European neighbours

History

- The Shang Dynasty
- The Roman Empire

Sachkunde

Über Kenntnisse und Erfahrungen zu Sachverhalten im Umgang mit Lern- und Arbeitstechniken oder Fachmethoden sowie zu typischen Anwendungsmustern aus einem begrenzten Gebiet im erlernten Kontext verfügen oder sie in vergleichbaren Kontexten verwenden. Begründete Sachurteile entwickeln und darstellen. Aufgaben zu Sachverhalten selbstständig planen, durchführen, kontrollieren können und zu Schlussfolgerungen gelangen

Music

- Repeat and perform rhythmic patterns to a steady beat
 - Identify melodic phrases and play them by ear
 - Recognise, name, clap and write by ear elementary note/rest values and rhythmic patterns
- Compose a simple melody

Science

- Living Things & Their Habitats**
- Classification and use of classification keys
 - Changing environments and the dangers to living things.
- Animals (including humans)**
- Functions of parts of the digestive system in humans
 - Different types of teeth in humans and their functions
 - Food chains
- States of Matter**
- Compare and group materials together as solids, liquids or gases
 - Water cycle
- Sound**
- Understand that sounds are made with something vibrating
 - Patterns between the pitch of a sound and features of the object that produced it
 - Patterns between the volume of a sound and the strength of the vibrations that produced it

Electricity

- Common appliances that run on electricity
- construct a simple series electrical circuit, identifying components
- Recognise some common conductors and insulators, and associate metals with being good conductors

Working scientifically:

- Asking relevant questions and using different types of scientific enquiries to answer them
- Setting up simple practical enquiries, comparative and fair tests

- Making systematic and careful observations and, where appropriate, taking accurate measurements using standard units, using a range of equipment
- Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions
- Recording findings using simple scientific language, drawings, labelled diagrams, keys, bar charts, and tables
- Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions

Physical

- Athletics
- Ball games
- Dance
- Field hockey
- Fitness
- Gymnastics
- Orienteering

Education

PSHE

- How can we keep ourselves physically and emotionally safe
- Recognising growing Responsibilities
 - Identify rules and laws and how they can help us
 - Understanding what is and causes happiness
 - Identifying and understanding sustainability of the environment across the world

