



Curriculum Overview for Year 4

English (approx. 5 hours per week)

- 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
- 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
- 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

Maths (approx. 4 hours per week)

- 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

Science (approx. 2 hours per week)

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

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

Social Studies (approx. 1 hour per week)

- Local study
- Under the sea
- Rivers, Mountains & Coasts
- The Shang Dynasty
- The Roman Empire

Art & Design (approx. 1 hour per week)

- 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 (approx. 1 hour per week)

- 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).

Physical Education (approx. 2 hours per week)

- Athletics
- Ball games
- Dance
- Field hockey
- Fitness
- Gymnastics
- Orienteering
- Self-assertion
- Indoor athletics
- Swimming

PSHE (approx. 2 hours per week)

- 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

Music (approx. 1 hour per week)

- 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
- Write and read music notes on the staff

DaM (approx. 4 hours per week)

- **Sprachgebrauch:** eigene Texte unterschiedlicher Art verständlich und in einer leserlichen, verbundenen Schrift verfassen und kriteriengeleitet überarbeiten
- **Sprechen und Zuhören:** verständlich, differenziert, adressatengerecht und weitgehend sprachrichtig sprechen, digital und analog recherchieren und Lernergebnisse vorstellen
- **Lesen:** mit Arbeitsanweisungen und Texte unterschiedlicher Art arbeiten angeleitet Detail- und Globalverständnis des Textes entwickeln und dabei verschiedene Lesestrategien kennenlernen und nutzen, betontes Vorlesen und Rezitieren kennenlernen, Texte zunehmend betont vorlesen und rezitierend vorstellen
- **Rechtschreiben:** Groß- und Kleinschreibung, Wortarten sicher unterscheiden, Satzteile und direkte Rede, Rechtschreibstrategien kennenlernen und zunehmend selbstständiger anwenden

DaF (approx. 4 hours per week)

- Understand and respond in full sentences to questions relating to familiar topics and daily activities
- Respond briefly to what is seen or heard, ask, and answer simple questions, pronounce, and intonate correctly
- Show fluency in reading familiar words and new, short ones
- Copy and fill in blanks correctly from memory
- Create short texts with the vocabulary learned about familiar topics

Sachunterricht (approx. 1 hour per week)

- Demokratisches Zusammenleben
- Lebensräume der Tiere, Einfluss des Menschen und umweltbewusstes Handeln
- Bau und Grundfunktionen des menschlichen Körpers sowie der Einfluss der Umwelt auf den menschlichen Körper
- Naturphänomene und Wetterberichte
- Medien unterscheiden und medienkritische Handlungsoptionen kennenlernen
- Verkehr, Verkehrssicherheit und Nachhaltigkeit