



Curriculum Overview for Year 5

English (approx. 5 hours per week)

- Apply growing knowledge of root words, prefixes and suffixes to reading.
- Read and discuss an increasingly wide range of fiction genres, poetry, plays, non-fiction and reference books.
- Explain and discuss understanding of what has been read.
- Read with enjoyment, evaluate books and justify preferences.
- Adjust reading strategies for different texts and purposes.
- Write in a range of genres, adjusting structure appropriately.
- Write with an understanding of setting, character and plot.
- Use complex punctuation consistently.
- Use independent spelling strategies and know basic spelling rules.
- Write fluently with an established joined style.
- Plan, draft, revise and edit writing independently.
- Use a range of sophisticated connectives and sentence openers in creative writing.
- Speak with confidence in a range of contexts, and relevant contributions in discussions and justify opinions.
- Listen, understand and respond to detailed texts.
- FICTION:
 - Historical fiction (Letters from Cuba by Ruth Behar)
 - Modern classic fiction (Kensuke's Kingdom by Michael Morpurgo)
 - Norse Mythology
- NON-FICTION:
 - Reports and journalistic writing (Tuesday by David Wiesner)
 - Instructions and explanations (Changing technology)
 - Recounts (UFOs and hoaxes)
- POETRY:
 - Wonderful world (Exploring English through song lyrics)
 - Dreams and aspirations
 - Poetic language (Making the ordinary extraordinary)
- DRAMA: Y5 Musical production

Mathematics (approx. 4 hours per week)

- Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000
- Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

- Multiply and divide any positive number up to 10 000 by 10 or 100 and understand the effect
- Order a given set of positive and negative numbers
- Round a number with one or two decimal places to the nearest integer
- Add and subtract numbers mentally with increasingly large numbers
- Know by heart all multiplication facts up to 12x12
- Carry out short and long multiplication and division of up to 5 digits by a single-digit number using formal and informal methods
- Know squares of numbers to at least 10×10
- Relate fractions to division and to their decimal representative
- Recognise equivalence between fractions and decimals
- Use all four operations to solve simple word problems involving numbers and quantities including time, explaining methods and reasoning
- Find unit fractions and non-unit fractions of 3-digit numbers
- Adding and subtracting fractions with different denominators
- Begin to find percentages of whole number quantities
- Carry out column addition and subtraction of positive integers less than 10 000
- Estimate, measure and
- draw angles in degrees

DaM (approx. 4 hours per week)

- **Sprachgebrauch:** Satzglieder, komplexe Satzmuster, eigene Texte adressatengerecht und anschaulich verfassen und überarbeiten
- **Sprechen und Zuhören:** adressatengerecht und unter Einhaltung vereinbarter Gesprächsregeln sprechen und sich aufeinander beziehen, digital und analog recherchieren und präsentieren
- **Lesen:** längere Texte unterschiedlicher Art (beispielsweise Sachtexte, Zeitungsartikel, Gedichte sowie eine Ganzschrift) lesen, verstehen und formell und inhaltlich angeleitet analysieren sowie kreativ dazu arbeiten, Detail- und Globalverständnis, betontes Vorlesen
- **Rechtschreiben:** Kenntnis und Anwendung der Rechtschreibstrategien (z.B. verwandte Wörter finden, verlängern, nachschlagen)

German Mathematik (approx. 4 hours per week)

- **Arithmetik:** Zahlenraum bis 1 000 000, Rechenstrategien, halbschriftliche und schriftliche Rechenverfahren
- **Geometrie:** Figuren und Körper, Zirkel und Geodreieck Maßstab, Achsensymmetrie
- **Größen und Sachaufgaben:** Einheiten und Größen, gebräuchliche Brüche, Fragen stellen und mit Hilfe von Material beantworten

DaF (approx. 4 hours per week)

- Have an increasing range of comprehension
- Initiate conversation on familiar and new topics
- Give a short presentation on everyday activities and interests in the past tense

- Speak confidently with a good range of vocabulary
- Read with accurate pronunciation and intonation
- Deal with longer passages of comprehension with complex structure
- Write with correct spellings
- Use vocabulary appropriate to topic

Sachunterricht (approx. 1 hour per week)

- Deutschland, Europa und die Welt
- Kinderrechte
- Pubertät, Sexualität und Konsens
- Einflüsse des Menschen auf die Umwelt und ressourcenschonendes Handeln
- Lern-, Präsentations- und Recherchestrategien

Science (approx. 2 hours per week)

Living Things and their habitats:

- Differences in life cycles
- Life process of reproduction

Animals (including humans):

- Changes as humans develop to old age

Properties and changes of materials:

- Compare and group based on properties
- Uses of materials
- Separation, filtering, sieving and evaporating
- Dissolving, mixing and changes of state

Earth and space:

- Movement of planets in relation to the Sun
- Movement of the moon in relation to Earth
- Day and night

Forces:

- Gravity
- Air resistance, water resistance and friction
- Levers, pulleys and gears

Working scientifically:

- planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary
- taking measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings when appropriate
- recording data and results of increasing complexity
- using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs
- identifying scientific evidence that has been used to support or refute ideas or arguments
- To use simple models to explain scientific ideas.

Social Studies (1-2 hours per week)

- History:
 - The Stone Age
 - The Vikings
 - Ancient Greece
- Geography:
 - North America
 - Space

Physical Education (2 hours per week)

- Team games
- Swimming
- Rugby
- Basketball
- Gymnastics
- Dance
- Tennis
- Athletics

PSHE (1-2 hours a week)

- Healthy choices and mental health
- Discrimination and bullying
- Relationships with the very important people in our lives
- Teamwork, achievements, aspirations and opportunities
- Money and wealth
- Growing up, puberty and identity
- Coping with change
- Biodiversity and circular economies

Music (1 hour per week)

- Perform a roundabout in two or more parts
- Compose music using a range of stimuli and developing students' own musical ideas into a complete composition
- Read music notes independently
- Perform on the stage (Musical)

Art and Design (1-2 hours per week)

- Abstract art (North American first nations art)
- Talking textiles
- Lanterns
- Landscapes
- Drawing in the style of different artists
- Drawing bodies
- Space art

- Ancient Greek art
- Stage backdrops and play props

Computing (1 hour per week)

- Online safety
- Internet webpage and design
- Understanding basic coding and developing games (Scratch and Purple Mash 2Code)
- Creating flowcharts to outline instructions for basic coding (Purple Mash 2Chart)
- 3D Modelling (Purple Mash 2Design and Make)
- 3D Game Creation (Purple Mash 2DIY3D)