

## Maths

- **Counting, Partitioning and Calculating:** create sequences; read and write large whole numbers; compare and order numbers; multiply/divide whole numbers by 10, 100, 1000; discuss mental/written strategies for addition/subtraction; rounding; decimals
- **Securing number facts, understanding shapes:** visualise/draw 2-D/ 3D shapes; recognise nets of solids; multiples/factors, primes and prime numbers; tests of divisibility; use formula to represent a problem
- **Data handling:** collect and interpret data; construct tables/graphs/pictograms; interpret the mode
- **Measuring and understanding shape:** area/perimeter; metric units; convert between units using decimals; use measuring instruments; angles of shapes; rotation/translation/reflection
- **Securing number facts, relationships & calculating:** solving multi-step problems; simplifying & ordering fractions; percentages; proportions

## PSHE - (linked to whole school SEAL project)

- Relationships
- Getting along with each other

## R.E.

- Islamic beliefs
- Islamic art

## German

- Learn numbers to 20 and beyond
- Learn how to say days of the week and months of the year
- Learn how to describe the weather
- Find out about children who live in Germany and compare similarities/differences e.g. school timetable

## Literacy

- **Narrative (short stories and play-scripts)**
- **Non-fiction (letters, invitations and reviews)**
- **Spellings** –prefixes and suffixes; words ending in e,y; i before e
- **Grammar** – focus on sentence types, paragraphs, pronouns, phrases and clauses, I and me, active and passive sentences
- **Punctuation** – colons and semi-colons; brackets; speech; commas

## Music

- Singing (link with German and other subjects)
- Performing together

## Class Five Topic Web Term 5– Inventors and Inventions



## Topic/History – Inventors and Inventions

- Famous inventors
- Famous inventions
- Compare and contrast life before/after inventions
- Project work (in class and homework tasks)

## P.E.

- Striking Games: rounders, cricket
- Gymnastics/Dance

## Geography

- News in the World

**Science** Asking questions, making predictions/hypothesising, observing, researching, small group work.

## Lifecycles

- Identifying parts of a plant/flower
- Describing life stages of a flowering plant e.g. germination, growth, pollination
- What do green plants need to stay alive?
- Investigative work
- Possible visit to Dry Arch (or during Term 6)
- **Personal, Social and Health Education link** – human growth and development (school nurse)

## Gases around us

- Know characteristics of materials
- Sort materials as solids/liquids/gases
- Look at porous materials and air in soil
- Know a variety of useful gases
- Investigative work

## ICT -

- Presentations (link with literacy)
  - Brochures
  - Typing skills
  - Research-based activities (link with topic)
- N.B. ICT will be used and linked across a range of subjects*

## Art

- Investigating line, colour and mood
- Using various materials to develop fantasy art inventions

**Useful websites** – recommended interactive activities/quizzes to reinforce learning

- <http://www.bbc.co.uk/schools/ks2bitesize/>
- <http://www.woodlands-junior.kent.sch.uk/> (pupil section)
- <http://www.firstnews.co.uk/>
- <http://www.bbc.co.uk/schools/typing/>