

Year 5 Overview Spring 2

Welcome back to Year 5!

We have our fingers crossed for more sunny days and less rain as we head into Spring 2. This is a shorter half term with lots of exciting learning to fit in!

Mathematics

Decimals and percentages (1 week)

- Understand percentages
- Percentages as fractions
- Percentages as decimals
- Equivalent fractions, decimals and percentages

Perimeter and area (2 weeks)

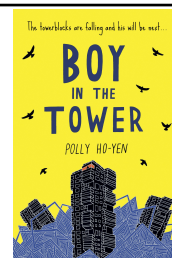
- Perimeter of rectangles
- Perimeter of rectilinear shapes
- Perimeter of polygons
- Area of rectangles
- Area of compound shapes
- Estimate area

Statistics (1 Week)

- Draw line graphs
- Read and interpret line graphs
- Read and interpret tables
- Two-way tables
- Read and interpret timetables

English

Ade loves living at the top of a tower block. From his window, he feels like he can see the whole world stretching out beneath him. His mum doesn't really like looking outside - but it's going outside that she hates. She prefers to sleep all day inside their tower, where it's safe. Except it isn't any more. Strange plants have started to take over and tower blocks are falling down around them. Now Ade and his mum are trapped and there's no way out . . .



Key knowledge:

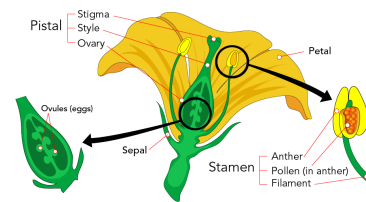
- Modal verbs and adverbs for degree of possibility
- Relative clauses to add detail and description
- Integrate dialogue to convey character and advance the action
- Complete dialogue punctuation
- Expand noun phrases by the addition of modifying adjectives, nouns and prepositional phrases
- Consider appropriate tenses and cohesion
- Use brackets, dashes or commas to indicate parenthesis

Science

Key Question: How do living things reproduce?

Knowledge for this unit:

- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird
- describe the life process of reproduction in some plants and animals.



DT

Key Question: Can I create a stuffed toy for younger children using research?

Knowledge for this unit:

- use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups
- generate, develop, model and communicate their ideas through discussion and annotated sketches



Geography

Key Question: Would you rather live in an urban or rural area?

Knowledge for this unit:

- Compare 2 different regions in the UK; rural and urban. Easdale, Inner Hebrides of Scotland and Glasgow, Scotland
- name and locate counties and cities of the United Kingdom, identifying their physical features, including mountains, and rivers, and land-use patterns; showing change over time;
- use longitude and latitude to find locations on a map;
- Use maps – of different scales, atlases, globes and digital/computer mapping (Google Earth) to locate countries and describe features studied
- Use symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and wider world in the past and present.
- To use 4-figure grid references.



PSHE

Key question for unit: What makes a healthy lifestyle?

Knowledge for this unit:

- Looking at the risks of smoking and alcohol misuse, learning about the recover position, having a healthy attitude to food and thinking about whether all images are real.



R.E

Key question: How do Christians try to follow Jesus's example?

Knowledge for this unit:

- Explore how Christians and Christian groups have tried to follow Jesus of Nazareth.



Computing

Key Learning: Fact File Databases

Knowledge for this unit:

- Children look at how a flat-file database can be used to organise data in records. They use tools within a database to order and answer questions about data. They create graphs and charts from their data to help solve problems.

Music

Key Question: **Can you play traditional Indian Music?**

Listening: 'Anile Vaa? Or choose Indian song'

Performing: Play a drone, a rag and a tala

Experience: learning a diverse range of music

French

Key Learning: **French speaking world**

Knowledge for this unit:

- Learning about French speaking countries, learning to give and follow directions in French, discussing climate and using comparative language.

P.E

This half term we will be focusing on Hockey and orienteering.

Key dates

Every **Thursday** is swimming for **Chestnut class**

PE is every **Wednesday** for **all Year 5 classes**

How to support your child at home with their learning this half term...

Every week we will send home ten spellings and a maths activity linked to what we are learning in class. Please help your child with completing their homework.

Your child should be reading everyday for at least 20 minutes. It's really important that you continue to read with your child, both listening to them and reading yourself. Encourage them to read a wide variety of fiction and non fiction texts of different genres from a range of authors and be sure to discuss and ask questions.