



Year 6 Spring 2 Topic Web

6S - Miss Saiyed

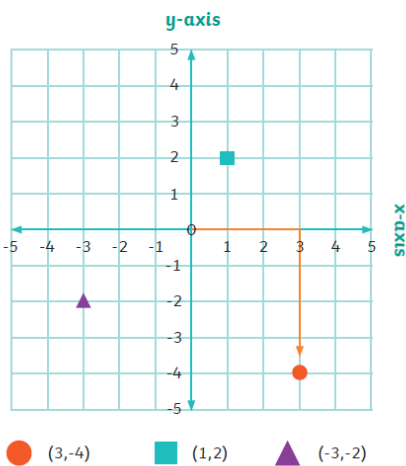
6W - Ms Wallis and Mrs Chau

Maths

This half term, we will be focusing on position and direction including plotting coordinates, translation and reflection.

Four Quadrants

Coordinates can use positive and negative numbers. Whether positive or negative, the x-axis coordinate is written first, followed by the y-axis coordinate.



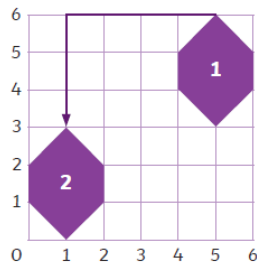
Look at the circle. It is 3 units along the x-axis and 4 down the y-axis. Its coordinates are (3,-4).

Translation

A shape is translated when it is moved without being rotated or resized. Every point of the shape moves the same distance and in the same direction.



Shape 1 has been translated 4 units left and 3 units down.



We will be ensuring we can read 12 and 24-hour time and read and understand timetables.

In arithmetic lessons, we will continue to focus on ensuring all learners are secure in the four operations, including long multiplication and division and can recall their times tables. We will also encourage learners to be able to recall prime, squared and cubed numbers.

English

This half term we will be continuing with our new writing scheme called Ready Steady Write. We will be using the book 'On The Origin of the Species' by Sabrina Radeva, which will link to the science unit we have been studying on evolution and inheritance and will be finishing writing an explanation text. After this will be using the book Paradise Sands by Levi Pinfold to write a first person narrative and warning letter.

Grammar

Word

- Understand how words are related
- Vocabulary appropriate for formal and informal speech

Sentence

- Expanded noun phrases to convey complicated information concisely
- Subjunctive forms in formal writing and speech

Text

- Link ideas within and across paragraphs using a wider range of cohesive devices - adverbials

Punctuation

- Using colons, semi-colons and dashes to mark the boundary between independent clauses
- Use hyphens to avoid ambiguity

Reading

This half term we will be continuing with our new reading scheme: Ready Steady Read Together.

We will be looking at the following texts:

- Darwin's Dragons (F)
- Follow Your Dreams (NF)
- Stars with Flaming Tails (P)
- Refugee (F)

Please encourage your child to recall the vocabulary they have learnt in school each day.








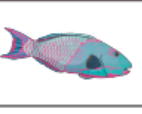




We will also be completing comprehensions weekly to help prepare for SATs, which take place in May.

Science

This half term, we will be learning about living things and their habitats

Golden Knowledge (everyone must know and be able to explain this information)

- Living things are classified into broad groups based on similarities and differences
- The key characteristics are used to group plants, animals and microorganisms
- The main groups of microorganisms (bacteria, fungi, viruses, protozoa and algae)

Microorganisms			Vertebrate Groups				
<p>Microorganisms are microscopic organisms that can be found almost everywhere on Earth – including inside our bodies.</p>			Mammal	Bird	Reptile	Amphibian	Fish
							
cholera bacteria	influenza virus	honey fungus	warm-blooded	warm-blooded	cold-blooded	cold-blooded	cold-blooded
single-celled microorganism	very simple structure	can be very small or very large	fur or hair	feathers	scales or scutes	moist or slimy skin	live in water
found almost everywhere on Earth	scientists often disagree about whether they are alive or not	often have a fruiting body and a network of threads	give birth to live young	lay eggs	usually lay eggs	often undergo metamorphosis	scales and fins
can be spherical, rod shaped or curved/spiral	require a host to reproduce	reproduce through releasing spores	produce milk	beak and wings			gills
			Some Invertebrate Groups				
			Arthropod	Annelid	Mollusc	Echinoderm	
							
			segmented legs	segmented bodies	segmented bodies	live in salt water	
			include insects, crustaceans and arachnids	no legs	no legs	tube feet	
				include earthworms and leeches	include slugs and octopuses	include sea stars and sea urchins	

Your child will bring home a knowledge organiser to share the learning that will be taking place this half term.

Geography

This half term we will be continuing our learning about North and South America.

Golden Knowledge (everyone must know and be able to explain this information)

- There are 4 main climate zones: tropical, cold, dry and temperate
- A biome is an area of the planet with a similar climate and landscape where similar animals and plants live
- The biomes of North America are tundra, temperate deciduous forest, grasslands, desert and tropical rainforest
- The biomes of South America are tropical rainforest, savannah, grassland, desert and temperate deciduous forest

Year 6 will be visiting Cartwright Hall on Thursday 16th April as part of our Early Islamic Civilisations topic. Further details will be sent out shortly.

PE

This half term we will be learning about gymnastics and hockey in 6W and gymnastics and cricket in 6S.

PE days

6S – Monday and Tuesday

6W – Monday and Wednesday

Learners should come to school in PE kit, which must be plain black jogging bottoms or leggings and a plain white t-shirt. No jewellery, including earrings and watches, can be worn for PE and if possible should be left at home on PE days. If girls wish to keep their headscarf on, it must be a tight fitting sport specific scarf for safety reasons.

RE

This half term we will be learning about what Christians believe about the old and new covenants.

We will be answering the questions:

What do we understand about the word 'covenant'?

Why is Abraham important to Christians?

What do Jews and Muslims believe about Abraham?

What do we know about Moses and why is he important to Christians and Jews?

What do the stories of Jesus' birth tell us about Christian beliefs?

We will also be learning about the importance of Ramadan and Eid to Muslims and Easter to Christians.

DT

In DT this half term, we will be learning about gears and pulleys and creating motorised vehicles building on the knowledge we have learnt about in science.

We will be developing our wood working skills and how to use tools safely, as we will be building the chassis from wood.

PSHE

In PSHE, we will be developing our understand of the law and taking part in the Big Law Lesson in March.

We will be learning about the following things:

- What is shop theft?
- What are the different types of crimes?
- What is anti-social behaviour?

French

In French, learners will be learning about family.

We will be answering the questions:

Who are the members of your family?

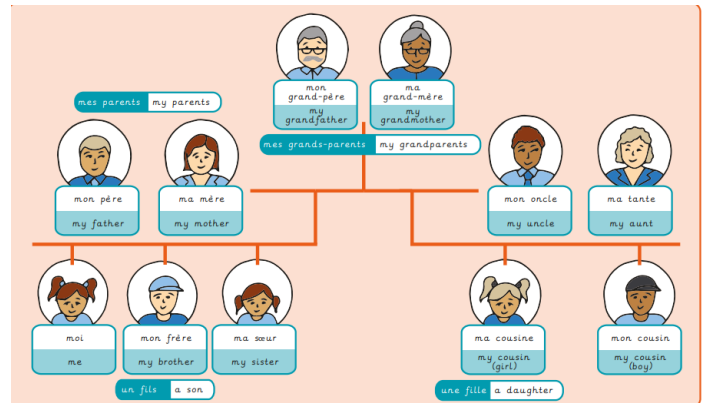
What are your siblings' names?

When is your sister/brother's birthday?

What are the three different ways to say 'my' in French?

How do we indicate the gender of a friend in French?

How would we say 'My Mum's dad' in French?



Computing

In computing learners will be introduced to the coding language python.

We will learn:

- About basic python commands.
- What nested loops are and how they can be used.
- Create, test and debug programs.

Homework

As a reminder, we expect learners to read at home for at least 10 minutes per day. Parents/carers should sign learners' reading records at least once a week.

We will be sending home revision packs on a regular basis for learners to practice. We will send home the answers so that they can go through them at home. However, if there is something your learner is unsure about, please encourage them to speak to their teacher so that we can go through it with them.

HERE'S THE IMPACT OF READING 20 MINUTES PER DAY!

A student who reads

20:00

minutes per day

will be exposed to

1.8 MILLION

words per year
and is more likely
to score in the

90th PERCENTILE
on standardized tests

A student who reads

5:00

minutes per day

will be exposed to

282,000

words per year
and is more likely
to score in the

50th PERCENTILE
on standardized tests

A student who reads

1:00

minute per day

will be exposed to

8,000

words per year
and is more likely
to score in the

10th PERCENTILE
on standardized tests

Learners are also expected to learn and practise their weekly spellings.

They are also expected to complete at least 15 minutes per week on Times Tables Rock Stars, although we would like every learner to aim for 5 minutes per day.

SATs

Key Stage Assessments will take place from Monday 11 May to Thursday 14 May 2026.

After school revision classes will not take place this half term due to Ramadan. We will continue them from Monday 13th April until Wednesday 6th May.

Resources to support your child in preparing for SATs can be found on the school website via the following links:



<https://tinyurl.com/2s3jtp7s>

There is also a copy of the presentation that was shared at the SATs' Parents Meeting in February.