



Year 6



This week's learning at School and Home Monday 10th November – Friday 14th November 2025

Maths

Topic: Fractions

Lesson 1: To convert improper fractions into mixed numbers and vice versa.

Lesson 2: To count forwards and backwards in fractions using a number line.

Lesson 3: To use knowledge of common factors to compare and order fractions with different denominators.

Lesson 4: To solve multi-step problems involving fractions.

Useful Links: <https://www.bbc.co.uk/bitesize/articles/znk4kmn>

Key Vocabulary: mixed number, improper fraction, numerator, denominator, common factor.



English

Topic: Can we Save the Tigers?

Lesson 1: To inform and advise a reader using organisational devices.

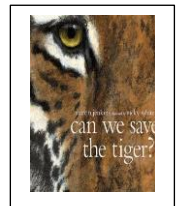
Lesson 2: To make character inferences.

Lesson 3: To identify co-ordinating and subordinating conjunctions within clauses.

Lesson 4: To use a variety of sentence types to empathise with a character.

Useful Links: <https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zak37p3>
<https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/z9wvqhv>

Key Vocabulary: heading, subheading, Infer, empathise, conjunction, simple sentence, complex sentence, compound sentence.



Science

Topic: Light

Lesson: To apply understanding of how light travels to explain how a periscope and other applications of mirrors work.

Useful Links: <https://www.bbc.co.uk/bitesize/clips/zyntsbk>

Key Vocabulary: periscope, reflection, refraction, straight lines.



Geography

Topic: South America, The Amazon

Lesson: To understand the Amazon's climate, and how the native animals are adapted to it.



Useful Links: <https://www.bbc.co.uk/bitesize/guides/zpr2wnb/revision/4>

Key Vocabulary: weather, climate, seasons, forest, rainforest.

PSHCE

Topic: Bullying



Lesson:

- Demonstrate ways of offering support to someone who has been bullied.
- Know that all people are unique but that we have far more in common with each other than what is different about us.
- Consider how a bystander can respond to someone being rude, offensive or bullying someone else.

Useful Links: <https://www.bbc.co.uk/bitesize/articles/z7sb6v4>

Key Vocabulary: support, unique, differences, bystander.

General Reminders



Stars of the Week:

Hawthorn Class: Gavin, for a lovely piece of RE work.

Hornbeam Class: Eren, for excellent attitude to learning and trying his best in all subjects.

Holly Class: Joey, for consistently embodying the Pickhurst values at school.

Hazel Class: Arche, for a mature and positive attitude to school life.

Can you solve the Sudoku puzzle?

Which one will you choose to solve?

Easy- Chilli 1

2	4	1	3
3	1		4
		4	

Medium- Chilli 2

5	2	4		3	
			5		2
	4		6	1	5
6	5	1		2	
			2	5	3
2			4	6	1

Hard- Chilli 3

6			2	4	5	9		
	5	4	9					3
	1		7	8		5		
3	6		4	5				
			1	6	7	3	2	
	4	7			8		5	
		8			9	4		
4	7		5		1			
		9			4	1		2

The solutions will be revealed in next week's newsletter.

Last Week Solutions

Easy- Chilli 1

3	2	4	1
4	1	3	2
2	4	1	3
1	3	2	4

Medium- Chilli 2

6	3	2	4	5	1
4	5	1	6	3	2
2	6	3	1	4	5
1	4	5	2	6	3
5	1	6	3	2	4
3	2	4	5	1	6

Hard- Chilli 3

3	8	4	1	6	5	7	2	9
7	5	2	4	9	8	6	1	3
9	6	1	3	2	7	5	8	4
5	7	8	9	1	3	4	6	2
2	1	6	7	5	4	9	3	8
4	9	3	6	8	2	1	5	7
6	3	5	2	7	9	8	4	1
1	4	7	8	3	6	2	9	5
8	2	9	5	4	1	3	7	6

Thank you from the Year 6 team!

Pickhurst Academy is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment.