

Gordon Primary School

Remote Learning Grid

Year 6

Week Beginning 07.12.20

Day	English	Maths	Science/Topic work
1	Copy the poem below. Change the pronoun I to a name. <i>I can get through a doorway</i> <i>without any key,</i> <i>And strip the leaves</i> <i>from the great oak tree.</i> <i>I can drive storm clouds</i> <i>and shake tall towers,</i> <i>Or steal through a garden</i> <i>and not wake the flowers.</i>	Times tables Rockstars https://play.ttrockstars.com/auth/school/student	Hazards in the home (thenational.academy) Work through the link about hazards in the home.

1. Finish off the sentences by adding more detail to these subordinate clauses. ☺☺☺

- a) While the rain poured down, _____
- b) Before the party had started, _____
- c) _____ before it's too late.
- d) _____ because I don't know the answer.

2. Now try adding an embedded clause into this sentence.

- a) Alan the footballer, _____, scored the first goal.

3. These sentences begin with a main clause. Add a subordinate clause to each one to finish the sentences. Remember that the subordinate clause **should not make sense on its own**.

- a) Jack plays rugby _____
- b) Tim likes to draw _____
- c) Flying a kite is fun _____
- d) I love sunny mornings _____
- e) Bathtime is fun in our house _____

Use the clues to fill in the grids.

Clues across

- 1 164 + 81
- 4 $3 \times 3 \times 3 \times 3$
- 6 16×15
- 7 $126 - 78$
- 8 $5030 \div 10$
- 11 15^2
- 13 $325 + 96$
- 15 $1500 \div 100$
- 16 $1001 - 132$

Clues down

- 1 $132 \div 6$
- 2 $542 - 97$
- 3 2.5×200
- 4 12×7
- 5 $2001 - 126$
- 9 $160 \div 5$
- 10 $682 + 59$
- 12 $6 \times 6 \times 6$
- 14 $500 \div 20$

1	2	3		4	5
6				7	
	8		9		
10			11	12	
13	14				
15			16		

1	2	3		4	5
6			7		
8			9	10	
		11			
12	13			14	15
16				17	

Clues across

- 1 6×49
- 4 $152 \div 2$
- 6 $4034 - 43$
- 8 1.9×30
- 9 41×6
- 11 $688 + 67$
- 12 $571 - 89$
- 14 $185 \div 5$
- 16 32×25
- 17 $11^2 - 7^2$

Clues down

- 1 47×5
- 2 $2005 - 1008$
- 3 70×0.7
- 5 $529 + 87$
- 7 $1000 \div 8$
- 10 $5555 - 1018$
- 11 0.72×1000
- 12 $960 \div 20$
- 13 $12^2 - 8^2$
- 15 0.8×90

[King of the road
\(thenational.academy\)](http://thenational.academy)

Work though the link all about road safety.

3	1. Sentences with relative clauses are called multi-clause – they contain a main clause and a subordinate clause. The subordinate clause has a relative pronoun at the start. It can't be a sentence by itself. Choose two colours; one for main clauses and one for subordinate clauses. Highlight the clauses in each sentence. Look at these examples: • My dog's fur is very curly, which means it's hard to brush. • Go and get a sticker from Mr Brown, who is standing at the finish line. • Oranges, which contain lots of vitamins, are really good for you. Now have a go at the sentences. Either complete them on the sheet or copy the sentences into your book and highlight them. a) Alana, who has always got shiny hair, always looks smart for school. b) My cousins live in Canada, which is a long way to go to visit! c) These three girls, who have worked very hard on their Maths project, can have a prize each! d) The Peak District, which is an excellent place for walking, climbing and biking, is a national park in Derbyshire. e) The dog wagging his tail is called Spot, who always jumps up at people. f) The film, which had me on the edge of my seat, was tremendously exciting! g) Look for the spelling in the dictionary, which is an Oxford English Dictionary.	Times tables Rockstars https://play.ttrockstars.com/auth/school/student	Reduce, reuse, recycle (thenationalacademy) Work through the link all about making the world a better place.

Choose **three** multi-clauses and break each one down into two simple sentences. You will have to take out the **relative pronoun** and put back the noun/pronoun it replaced.

e.g. Winston Churchill was a politician, who was Prime Minister in the Second World War.

Winston Churchill was a politician. He was Prime Minister in the Second World War.

3. Can you add main clauses to the sentences below? Don't forget the punctuation!

a. _____ who is very playful _____.

b. _____ who is very happy _____.

c. When you want to improve _____.

4. Can you add subordinate clauses to the sentences below? Don't forget the punctuation!

a. James _____ doesn't like chocolate.

b. Amina worked for hours on her project _____.

c. Can we go out for food _____.

Fill in the boxes.

1 Zena's test marks.

70% 50% 65% 80% 55%

Number of tests

Total marks %

Mean mark %

2 Goals scored in football matches.

3 4 7 3 2 3

5 2 4 2

Number of matches

Total goals

Mean number of goals

3 Daily maximum temperature (°C).

13 15 16 21 18 14 15

Number of days

Total of temperatures °C

Mean temperature °C

4 Height of Year 6 children (m).

1.4 1.55 1.35 1.6

1.5 1.35 1.4 1.45

Number of children

Total heights m

Mean heights m

5 6 meals Total cost £45.

Mean cost per meal £

8 22 lines 143 words.

Mean number of words per line

6 30 days Total rainfall cm.

Mean rainfall per day 2.6 mm.

9 12 apples Total weight kg.

Mean weight 150 g.

7 hours Distance walked 17 km.

Mean distance per hour 4.25 km.

10 cars 85 people.

Mean people per car 2.5.

[Be better and do more
\(thenational.academy\)](https://thenational.academy)

Work through the link all
about climate change.

5



Write a free write based on the picture above.

This could be a :

- Narrative
- Poem
- Setting description
- etc

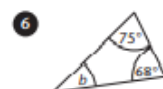
Identify the shape.

- 1 8 equal sides
- 2 8 faces, 18 edges
- 3 2 pairs of equal sides, not symmetrical
- 4 5 vertices

Find the missing angles.



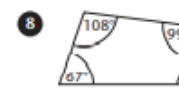
a



b



c d e



e

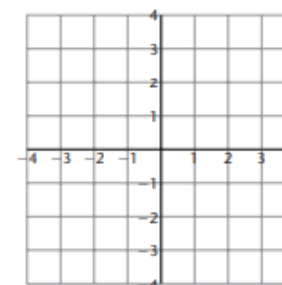
Construct these shapes.

- 9 A sector
angle at centre 113°
radius 2.7 cm
- 10 A rhombus
two angles of 72°
sides 1.9 cm
- 11 Isosceles triangle
2 angles of 36°
longest side 4.6 cm

- 12 Plot the co-ordinates in the order given and join up to form a shape
 $(-1, -3)$ $(-3, 1)$ $(-1, -1)$ $(-1, -3)$

- 13 Translate the shape:
a) left 1, down 1
b) right 5, up 3

- 14 Reflect the shape:
a) in the y axis
b) in a mirror line $(-4, 4)$ to $(4, -4)$



[Biodiversity and ecosystems](#)
([thenationalacademy](#))

Work through the link about ecosystems.

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