



BROOKE &  
MARSHLAND  
FEDERATION

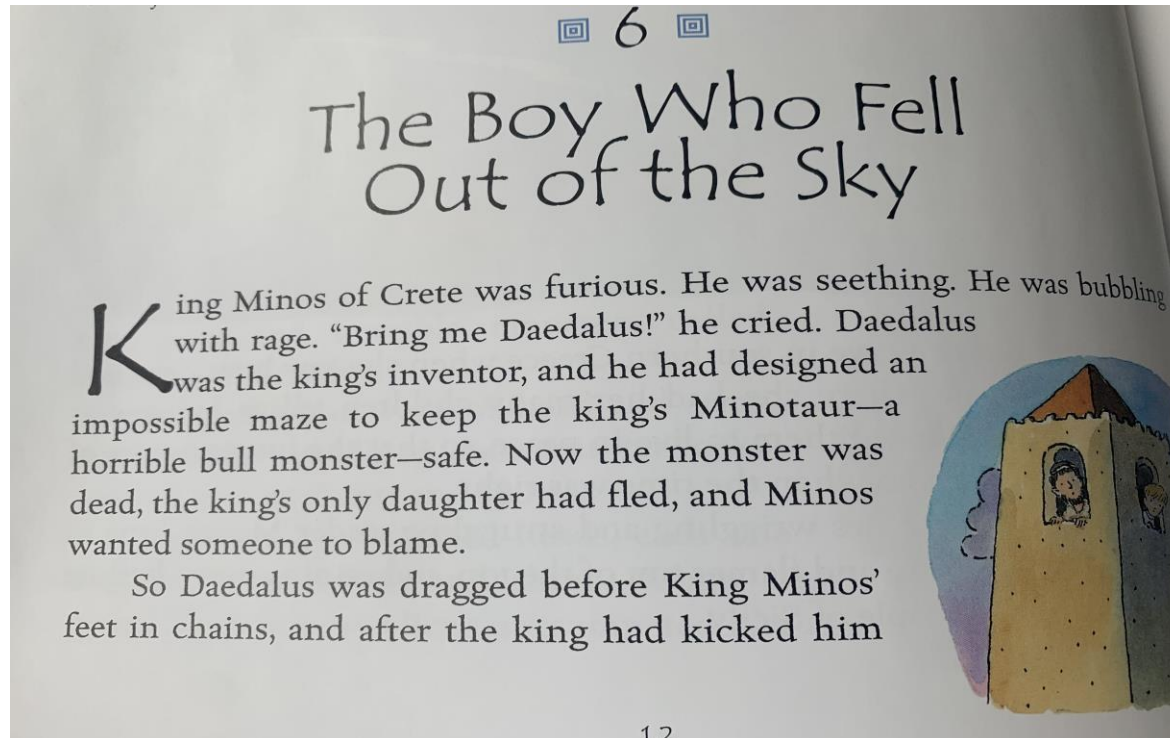
# Year 6 Home Learning

## Theme: WHO LET THE GODS OUT?

### Summer Term 2 - Week 4

# English lesson 1

This week we are going to write a Greek myth. First, we would like you to read at least one for yourself. Here is one for you, but you can find others on the internet



and jumped on him, he was taken to the highest room in the highest tower in the palace at Knossos, and locked in with his son, Icarus, who was ten. They had no food, and no water, and soon they were desperately hungry and thirsty. But Daedalus was very clever, and soon he had a plan of escape.



He made Icarus climb up into the roof, where there was a big old deserted bees' nest. Icarus took all the honeycombs and threw them down to his father. Then he stole the tailfeathers from all the pigeons who were sleeping in the rafters, and threw them down too.

When they had licked some dew off the windowsills and sucked out some honey from the combs, Daedalus melted the beeswax by shining a ray of sun through a magnifying-glass he had in his pocket, and made four big wing shapes out of it. Then, while it was still soft, he pressed the pigeons' feathers into it. He made leather straps from his belt and sandals, and then they were ready.

Daedalus and Icarus strapped their wings onto their shoulders,

climbed onto the windowsill, and leapt out into the air. It was quite dark, apart from a few blazing stars, so no one could see them from the ground.

"Wheeee!" shouted Icarus, as he swept through the sky. "I can fly! Look, Dad! I can fly!"

"Keep going west," yelled Daedalus, flapping alongside. "And remember not to fly too high. If the sun catches you when he gets up, he will melt your wings, and you'll fall!"

ATTICUS THE STORYTELLER

Icarus was having such a good time he didn't listen. He swooped up to the stars, and pulled Sirius's tail. Then he swooshed round the Great Bear. He didn't notice Helios the sun god driving his great chariot up over the eastern horizon behind him. Helios cracked his whip, and fiery rays of sunshine darted across the sky. One of them touched Icarus's wings, and the beeswax ran like rain down into the ocean far below. A feather brushed Icarus's cheek as he tumbled helplessly to the sea beneath, crying out for his father to save him.

Poor Daedalus could only watch and weep for his lost son as he flew on towards Sicily. As his tears fell into the ocean, they were caught by the nereids and made into pearls of wisdom. And the grandmothers, who know, say that Icarus's spirit rises up from the sea every night, and flies up to the heavens to play with the stars.

## English 2

Now you have read some myths, lets look at them in more detail.

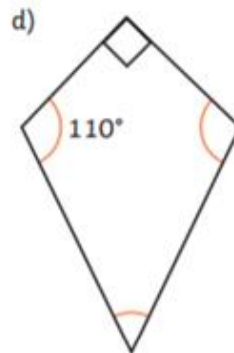
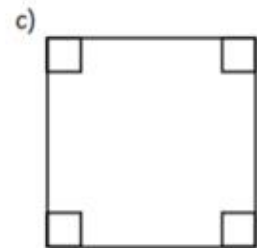
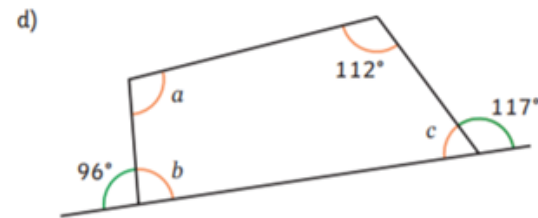
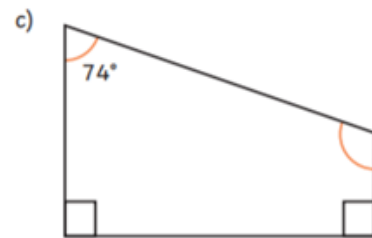
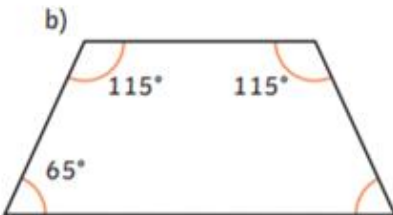
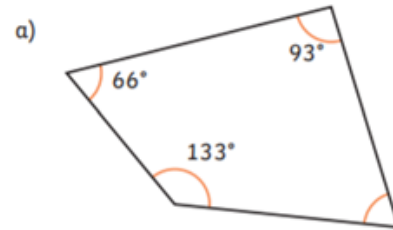
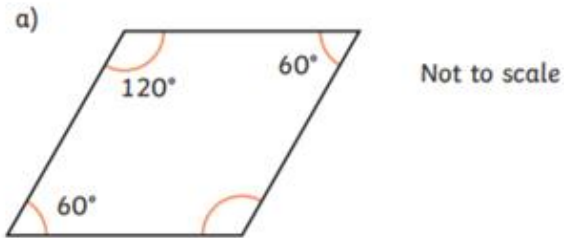
Who were the main

# English lesson 5

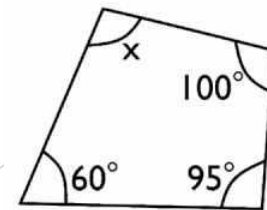
# Maths lesson 1

Quadrilaterals add up to 360 degrees.

## LT: To calculate missing angles in quadrilaterals.



Example  
 $100 + 95 + 60 = 255$   
 $360 - 255 = 105$   
Missing angle  $x$  equals  
105 degrees

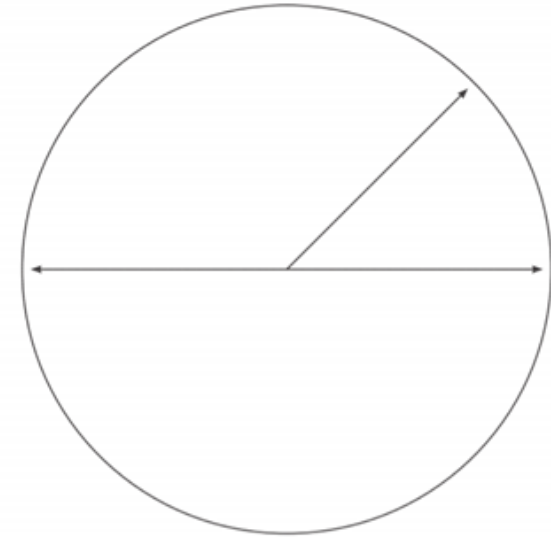


Angles in a quadrilateral add up to 360°

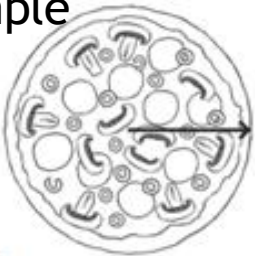
# Maths lesson 2

LT: To name parts of circles, including radius, diameter and circumference and to know the circumference is twice the radius.

- radius
- diameter
- circumference



Example



Radius = 10cm  
 Diameter = 20cm  
 Circumference =  $3.14 \times 20 = 62.8\text{cm}$



Diameter = 22cm  
 Radius =  
 Circumference =



Radius = 15cm  
 Diameter =  
 Circumference =



Diameter = 36cm  
 Radius =  
 Circumference =



Radius = 17cm  
 Diameter =  
 Circumference =



Diameter = 48cm  
 Radius =  
 Circumference =

Hint: Use the formula  $\pi d$  ( $3.14 \times \text{diameter}$ ) to work out the circumference of a circle.



# Maths lesson 3

## LT: To calculate the mean.

The mean is the total of the numbers divided by how many numbers there are.

- Add all the numbers together
- Divide by the number of numbers.
- $6 + 3 + 100 + 3 + 13 = 125$
- $125 \div 5 = 25$
- The mean is 25.

*The mean is not always a whole number.*

1.	6, 4, 2	
2.	10, 8, 9	
3.	5, 6, 10	
4.	10, 3, 2	
5.	7, 3, 8	
6.	8, 6, 7	
7.	6, 10, 2	

8.	2, 10, 3	
9.	4, 2, 9	
10.	5, 7, 3	
11.	8, 9, 1	
12.	15, 12, 9	
13.	11, 11, 14	
14.	10, 11, 12	
15.	10, 8, 9	

# Maths lesson 4

## Times table challenge

Record your time.  
Can you beat  
it next time?

Ask a member of  
your household to read question 1 - 4.

Q1)  $20 \times 61 =$

Q2)  $91 \times 10^3 =$

Q3)  $7 \div 500 =$

Q4) What is the product of 8, 0 and 3?

## Times Tables Test 4

### Oral Questions

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

### Calculate

5.  $310 \times 65 =$  \_\_\_\_\_

11.  $3109 \div 3 =$  \_\_\_\_\_

6.  $4^2 \times 12^2 =$  \_\_\_\_\_

12.  $5047 \div 7 =$  \_\_\_\_\_

7.  $1401 \times 8 =$  \_\_\_\_\_

13.  $6566 \div 8 =$  \_\_\_\_\_

8.  $2^3 \times 1325 =$  \_\_\_\_\_

14.  $1789 \div 4 =$  \_\_\_\_\_

9.  $0.98 \times 500 =$  \_\_\_\_\_

15.  $8244 \div 5 =$  \_\_\_\_\_

10.  $5600 \times 1.5 =$  \_\_\_\_\_

16.  $3472 \div 25 =$  \_\_\_\_\_

### Complete these calculations

17.  $3120 \times \underline{\hspace{2cm}} = 15\,600$

18.  $2824 \div \underline{\hspace{2cm}} = 470r4$

19. 187 people buy 12 raffle tickets each. How many raffle tickets were sold? \_\_\_\_\_

20. A square room is  $225\text{m}^2$ . What is the length of each side of the room? \_\_\_\_\_

# Arithmetic

## Maths lesson 5

10  $1.4 \times 10 =$

1 mark

11  $61.2 - 6.77 =$

1 mark

12  $\frac{4}{5} + \frac{3}{4} =$

1 mark

13  $367 \times 55 =$

$$\begin{array}{r} 367 \\ \times 55 \\ \hline \end{array}$$

2 marks

14  $4571 \div 35 =$

$$\overline{)35 \ 4571}$$

2 marks

15  $\frac{1}{5} \times \frac{3}{4} =$

1 mark

16  $\frac{3}{10} \div 4 =$

1 mark

17  $3.76 \times 6 =$

1 mark

18 85% of 412 =

1 mark



# Topic lesson 2 - French

## LT: To use familiar words to create questions and sentences.

English	French	Copy the French words...
the hospital	l'hôpital	.....
the school	l'école	.....
the restaurant	le restaurant	.....
the garage	le garage	.....
the hairdressing salon	le salon de coiffure	.....
.....		
the police station	le commissariat de police	.....
.....		

the fire station

la caserne des pompiers

What is it?

Qu'est-ce que c'est?

It's...

C'est...

It's the fire station.

C'est la caserne des pompiers.

# Answers - maths

## Lesson 3

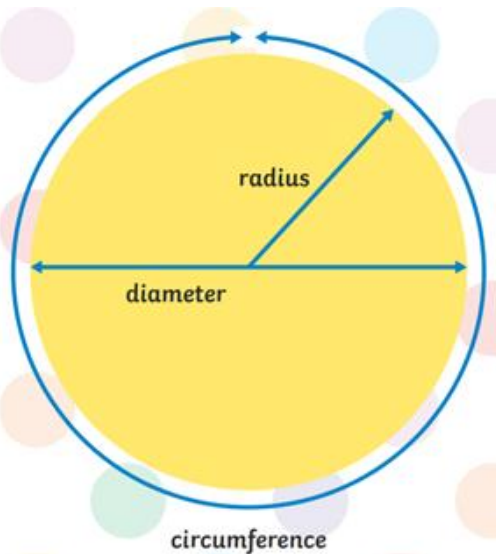
### Lesson 1






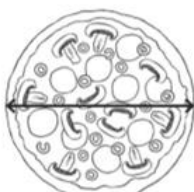
- 1) a) Rhombus:  $120^\circ$  - Can be found by understanding that opposite angles are equal.
- b) Isosceles Trapezium:  $65^\circ$  - Can be found by understanding that the base angles are equal.
- c) Square:  $90^\circ$  - Can be found by understanding that all angles in a square are right angles.
- d) Kite:  $110^\circ$  and  $50^\circ$  -  $110^\circ$  can be found by understanding that diagonally opposite angles are equal in a kite.  $50^\circ$  can be found by:  $360^\circ - (90^\circ + 110^\circ + 110^\circ)$ .



- 2) a)  $68^\circ$
- b) Both missing angles are  $138^\circ$
- c)  $106^\circ$
- d) a)  $101^\circ$
- b)  $84^\circ$
- c)  $63^\circ$

### Lesson 2



 Radius = 10cm Diameter = 20cm Circumference = 62.8cm	 Diameter = 22cm Radius = 11cm Circumference = 69.08cm
 Radius = 15cm Diameter = 30cm Circumference = 94.2cm	 Diameter = 36cm Radius = 18cm Circumference = 113.04cm
 Radius = 17cm Diameter = 34cm Circumference = 106.76cm	 Diameter = 48cm Radius = 24cm Circumference = 105.72cm

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

# Answers - maths

## Lesson 4

### Times Tables Test 4 Answers

#### Oral Questions

1.  $20 \times 61 = 1220$     2.  $91 \times 10^3 = 91\ 000$     3.  $7 \div 500 = 0.014$   
4. What is the product of 8, 0 and 3? **0**

#### Calculate

5.  $310 \times 65 = 20\ 150$                       11.  $3109 \div 3 = 1036r1$   
6.  $4^2 \times 12^2 = 2304$                       12.  $5047 \div 7 = 721$   
7.  $1401 \times 8 = 11\ 208$                       13.  $6566 \div 8 = 820r6$   
8.  $2^3 \times 1325 = 10\ 600$                       14.  $1789 \div 4 = 447r1$   
9.  $0.98 \times 500 = 490$                       15.  $8244 \div 5 = 1648r4$   
10.  $5600 \times 1.5 = 8400$                       16.  $3472 \div 25 = 138r22$

#### Complete these calculations

17.  $3120 \times 5 = 15\ 600$                       18.  $2824 \div 6 = 470r4$   
19. 187 people buy 12 raffle tickets each. How many raffle tickets were sold? **2244**  
20. A square room is  $225\text{m}^2$ . What is the length of each side of the room? **15m**

## Lesson 5

10	<b>14</b>	1
11	<b>54.43</b>	1
12	<b><math>1\frac{11}{20}</math></b>	1
13	<b>20 185</b>	2
14	<b>130.6</b>	2
15	<b><math>\frac{3}{20}</math></b>	1
16	<b><math>\frac{3}{40}</math></b>	1
17	<b>22.56</b>	1
18	<b>350.2</b>	1

# Additional resource links

- ▶ <https://trockstars.com/> (log in details were attached to the initial learning packs sent home)
- ▶ <https://play.numbots.com/>
- ▶ <https://www.bbc.co.uk/bitesize/dailylessons>

- ▶ Purple Mash activities

- 1) Y6 SUM2 WK4 D1 - Quiz
- 2) Y6 SUM2 WK4 D2 - Quiz
- 3) Y6 SUM2 WK4 D3 - Quiz

