

Thursday 2nd July

Hello again Year 6,

We do hope that you are keeping well and safe at home and managing to complete your learning as well as enjoying the time with your families.

Here are the activities for this week. In Maths we're starting to look at metric units of measure. There's a mixed bag for English - comprehensions, writing, SPaG and some art too. We've popped in a July Active Challenge for you to do and a lovely Outdoor Learning Challenge that you can continue until you are 11 $\frac{3}{4}$! We're learning about 'bouncebackability' in PSHE to help with your move to high school.

If you have some spare time or want to do some extra learning, you could visit <https://www.bbc.co.uk/bitesize> or <https://www.thenational.academy/online-classroom> where there are lots of lessons and activities to choose from.

As always, try to read for at least 20 minutes a day and take Accelerated Reader quizzes from home by using this link [Howley Grange Renaissance at home](#) and logging on as usual using your username and password. To check that the book you are reading has a quiz, you can check it using on [Accelerated Reader Bookfinder](#).

Take care and keep smiling,

We do miss you,

Mrs Graham and Mrs North

English/Art Activity 4 - Typography landscapes



Maths Activity 4a - Ten in ten

1. A jacket costs £45.50. In the winter sale, every item has 20% off. How much did the jacket cost in the sale?

2. $8432 \div 6 =$

3. What is half of one million?

4. Which 2D shape has internal angles that add up to 180° ?

5. Summer was carrying a 5l watering can. She used 2450ml to water the tomatoes. Write the amount left in the can in litres.

6. Courtney got 18 out of 20 in her spelling test. What percentage did she get?

7. Imagine a number square. What number is three squares below 49?

8. How many days are there in 2 years?

9. Round 45.768 to 2 decimal places.

10. What is the largest remainder you can have when you divide by 12?

Remember - ten questions in ten minutes.

There's five extra challenge questions if you have spare time.

11. How many angles has a heptagon?

12. Make 270 using four of these numbers.

63 94 41 59 72

13. Find the difference between 3400 and 980.

14. Which 3 coins would make 72p?

15. Marissa has £6.61. She wants to buy a board game at £9.98. How much more money does she need?

Maths Activity - Metric units of measure

Over the next few weeks we are going to be extending your learning of units of measure.

Today we applying your learning to ordering a range of measure which are in different units. The key is to put all of the measurements into the same unit by converting them.

Remember, there is a knowledge postcard and posters from Monday and Tuesday to help if you need it.

Maths Activity 4b - ordering units of measure

- | | |
|--------------------|--------------------|
| 1) 1 kg = _____ g | 2) 2 kg = _____ g |
| 3) 1 cm = _____ mm | 4) 2 cm = _____ mm |
| 5) 1 km = _____ m | 6) 2 km = _____ m |
| 7) 1 L = _____ mL | 8) 2 L = _____ mL |
| 9) 1 m = _____ cm | 10) 2 m = _____ cm |

Which is the most? Circle the largest amount in each box.

<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 20px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">1 kg</div> 300 g 950 g	1 m 80 cm 120 mm	1 L 1,250 mL 980 mL	560 m 2,000 cm 1 km
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Use greater than (>), less than (<) or equals (=) to compare the amounts.

- | | | | | | | |
|------------|---|--------|-----|--------|--|--------|
| 1) 1 L | > | 590 mL | 2) | 1 m | | 75 cm |
| 3) 20 mm | | 2 cm | 4) | 1 km | | 250 m |
| 5) 250 cm | | 2 m | 6) | 50 mm | | 7 cm |
| 7) 1,200 g | | 1 kg | 8) | 4 m | | 350 cm |
| 9) 200 mL | | 2 L | 10) | 300 cm | | 3 m |
| 11) 970 m | | 1 km | 12) | 4 kg | | 500 g |

Maths Activity 4c - -ordering units of measure

Spot the Mistakes!

On each line, the measurements are supposed to be ordered from smallest to largest. If a line is incorrect in any way, circle the letter at the end of it. Put all the letters together from the circled boxes and rearrange them until you find a word linked to measure.



0.5kg 5000g 5.5kg 5 ³ / ₄ kg 500kg 500,000g	H
0.2mm 0.03cm 5mm 5cm 0.5m 51cm	R
10 litres 1200ml 2000ml 20 ¹ / ₂ litres 20.6 litres	A
90g 0.099kg 0.1kg 101g ¹ / ₄ kg 300g	B
0.002m 10mm 2cm 0.1m 1m50cm 1.4m	E
4ml 0.02 litres 100ml ¹ / ₄ litres 300ml 0.5 litres	D
0.07kg 80g 0.4kg 500g 1.05kg 1kg550kg	T
0.06m 500mm ³ / ₄ m 0.79m 82cm 1000mm	O
0.04 litres 200ml 0.25 litres 1000ml 1.2 litres 1300ml	G
7000g 8kg 8.01kg 8 ¹ / ₂ kg 8.09kg 10,000g	C
2400mm 2.5m 290cm 0.3km 500m 50,100cm	I
1 ¹ / ₂ litres 1600ml 1.65 litres 1 ³ / ₄ litres 1850ml 1.8 litres	L
3.5kg 3510g 3 ³ / ₄ kg 3900g 4kg 4050g 4.1kg	M
¹ / ₂ m 600mm 80cm 0.9m 1.01m 1m20cm	W
5ml 0.006 litres 10ml 0.1 litres 90ml ¹ / ₄ litres	S

The hidden word is _____

ANSWERS Maths Activity 4a - Ten in ten

1. A jacket costs £45.50. In the winter sale, every item has 20% off. How much did the jacket cost in the sale? **£36.40**
2. $8432 \div 6 = 1405 \text{ r}2$
3. What is half of one million? **500,000**
4. Which 2D shape has internal angles that add up to 180° ? **triangle**
5. Summer was carrying a 5l watering can. She used 2450ml to water the tomatoes. Write the amount left in the can in litres. **2.55l**
6. Courtney got 18 out of 20 in her spelling test. What percentage did she get? **90%**
7. Imagine a number square. What number is three squares below 49? **79**
8. How many days are there in 2 years? **730**
9. Round 45.768 to 2 decimal places. **45.77**
10. What is the largest remainder you can have when you divide by 12? **11**
11. How many angles has a heptagon? **7**
12. Make 270 using four of these numbers.
63 94 41 59 72
13. Find the difference between 3400 and 980.
2420
14. Which 3 coins would make 72p? **50p 20p 2p**
15. Marissa has £6.61. She wants to buy a board game at £9.98. How much more money does she need? **£3.37**

ANSWERS Maths Activity 4b - -ordering units of measure

- | | |
|--------------------------|--------------------------|
| 1) 1 kg = <u>1,000</u> g | 2) 2 kg = <u>2,000</u> g |
| 3) 1 cm = <u>10</u> mm | 4) 2 cm = <u>20</u> mm |
| 5) 1 km = <u>1,000</u> m | 6) 2 km = <u>2,000</u> m |
| 7) 1 L = <u>1,000</u> mL | 8) 2 L = <u>2,000</u> mL |
| 9) 1 m = <u>100</u> cm | 10) 2 m = <u>200</u> cm |

Which is the most? Circle the largest amount in each box.

<u>1 kg</u> 300 g 950 g	<u>1 m</u> 80 cm 120 mm	1 L <u>1,250 mL</u> 980 mL	560 m 2,000 cm <u>1 km</u>
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Use greater than (>), less than (<) or equals (=) to compare the amounts.

- | | | | | | |
|------------|---|--------|------------|---|--------|
| 1) 1 L | > | 590 mL | 2) 1 m | > | 75 cm |
| 3) 20 mm | = | 2 cm | 4) 1 km | > | 250 m |
| 5) 250 cm | > | 2 m | 6) 50 mm | < | 7 cm |
| 7) 1,200 g | > | 1 kg | 8) 4 m | > | 350 cm |
| 9) 200 mL | < | 2 L | 10) 300 cm | = | 3 m |
| 11) 970 m | < | 1 km | 12) 4 kg | > | 500 g |

ANSWERS Maths Activity 4c - -ordering units of measure

Spot the Mistakes!

On each line, the measurements are supposed to be ordered from smallest to largest. If a line is incorrect in any way, circle the letter at the end of it. Put all the letters together from the circled boxes and rearrange them until you find a word linked to measure.

































0.5kg 5000g 5.5kg 5¾kg 500kg 500,000g	H
0.2mm 0.03cm 5mm 5cm 0.5m 51cm	R
10 litres 1200ml 2000ml 20½ litres 20.6 litres	A
90g 0.099kg 0.1kg 101g ¼kg 300g	B
0.002m 10mm 2cm 0.1m 1m50cm 1.4m	E
4ml 0.02 litres 100ml ¼ litres 300ml 0.5 litres	D
0.07kg 80g 0.4kg 500g 1.05kg 1kg550kg	T
0.06m 500mm ¾m 0.79m 82cm 1000mm	O
0.04 litres 200ml 0.25 litres 1000ml 1.2 litres 1300ml	G
7000g 8kg 8.01kg 8½kg 8.09kg 10,000g	C
2400mm 2.5m 290cm 0.3km 500m 50,100cm	I
1½ litres 1600ml 1.65 litres 1¾ litres 1850ml 1.8 litres	L
3.5kg 3510g 3¾kg 3900g 4kg 4050g 4.1kg	M
½m 600mm 80cm 0.9m 1.01m 1m20cm	W
5ml 0.006 litres 10ml 0.1 litres 90ml ¼ litres	S

The hidden word is **SCALE**

How many have you done?

50 things to do before you're 11 $\frac{3}{4}$

We've been working closely with kids just like you to put together this list of the best things to do before you're 11 $\frac{3}{4}$. (Although lots of them are still great fun even when you're 81 $\frac{3}{4}$.) You'll find fun things to do for every kind of outside place, from mountains to sea, forests to fields. So what are you waiting for? Get out there and see how many you can do!

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|---|-----------------------|---|-----------------------|---|-----------------|---|-----------------------------|---|--------------------------|---|-----------------------|---|------------------------------|---|----------------------------|---|--|---|---|---|---|---|---|---|---|---|---|---|---|--|---|--|--------------------------|--|-----------------------|--|----------------------------------|---|-----------------------------|---|----------------------------|---|----------------------|---|---|
|  | 1. Get to know a tree |  | 7. Fly a kite |  | 8. Spot a fish |  | 9. Eat a picnic in the wild |  | 10. Play conkers |  | 11. Explore on wheels |  | 22. Find some funky fungi |  | 23. Get up for the sunrise |  | 24. Go barefoot |  | 25. Join nature's band |  | 21. Forage for wild food |  | 29. Explore a cave |  | 28. Climb a huge hill |  | 26. Hunt for fossils and bones |  | 27. Go stargazing |  | 30. Go on a scavenger hunt |  | 38. Bring up a butterfly |  | 39. Catch a crab |  | 40. Go on a nature walk at night |  | 31. Make friends with a bug |  | 42. Go swimming in the sea |  | 49. Watch the sunset |  | 50. Take a friend on a nature adventure |
|  | 4. Build a den |  | 6. Go welly wandering |  | 5. Skim a stone |  | 17. Set up a snail race |  | 18. Create some wild art |  | 16. Wear a wild crown |  | 15. Go on a wintry adventure |  | 13. Make a mud creation | 14. Dam a stream |  | 35. Discover what's in a pond |  | 45. Find your way with a map |  | 36. Make a home for wildlife |  | 46. Clamber over rocks |  | 47. Cook on a campfire |  | 48. Keep a nature diary |  | 37. Explore the wonders of a rock pool |  | 33. Go cloud watching | 43. Help a wild animal |  | 41. Help a plant grow | | | | | | | | | | |