



Year 1 Maths Home Learning | Summer Term



Week beginning 13th July

Maths

<https://whiterosemaths.com/homelearning/year-1/>
<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>

After watching the videos and the online practice activities, have a go at these activities. Depending on your confidence choose Mild, Medium or Spicy.

Remember, these activities are to work from, not on. There is no expectation to complete all of the work or to print worksheets off – children can work on paper if they want to write it down. It is also fine for your child to just say the answer or for them to simply point to it! ☺



Extensions – You may wish to deepen your learning by looking at the worksheets provided by the BBC too.

Additional lessons –

<https://classroom.thenational.academy/subjects-by-year/year-1/subjects/maths>

We have also included an arithmetic quiz in the home learning folder – week 12. The answers are also included so it maybe that your child has-a-go on one day and then repeats the quiz in an attempt to beat the first score on another day.

This website is one the children really enjoy using at school to support with arithmetic
<https://www.topmarks.co.uk/maths-games/hit-the-button>

It is really important that children develop their ability to instantly recall maths facts alongside their understanding of mathematical concepts.

Monday - Time: O'clock

<https://whiterosemaths.com/homelearning/year-1/>
<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>

Children are introduced to telling the time to the hour using an analogue clock. They learn the language of o'clock and understand the hour hand is the shorter hand and the minute hand is the longer hand. Children read the time to the hour and know when the minute hand is pointing upwards to the number 12 it is an o'clock time, and understand that they need to look at the hour hand to see which hour it is.

Mathematical Talk

There are two hands on the clock.
What is the same about each hand? What is different about each hand compared to the other?

Looking at all three clock faces, what is the same about the hands? What is different about them?

Where will the hour hand be at ____?
Where will the minute hand be at ____?
Can you show me ____?

Mild

I Match the clocks to the times.



8 o'clock



6 o'clock



4 o'clock



1 o'clock

2 Complete the pattern.



What time comes next?

Medium

1. Tick the time that matches the clock.



3 o'clock

12 o'clock



3 o'clock

12 o'clock

2. Tick the time that is more likely.

- a) Mo goes to school.



- b) Mo goes to bed.



- c) Mo has lunch.

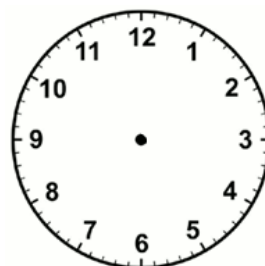
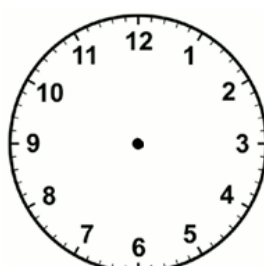
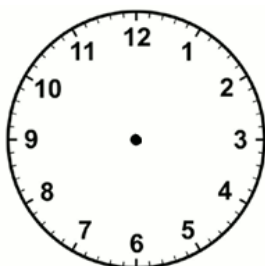


3. Draw the hour hand and minute hand on clock faces to show the times:

Eight o'clock

1 o'clock

Twelve o'clock



Spicy

1. Here is Dolly's work. She has made some mistakes when drawing the clock hands.
Tick her correct answers.

1.  11 o'clock	2.  11 o'clock	3.  eight o'clock
4.  five o'clock	5.  9 o'clock	6.  three o'clock
7.  nine o'clock	8.  12 o'clock	9.  6 o'clock

How do you know which is the minute hand?

How do you know which is the hour hand?

Where will the hour hand be at _____ o'clock?

Where will the minute hand be at _____ o'clock?

Can you show me the times Dolly should have drawn on the clock faces?

Can you explain how Dolly might have made her mistakes?

Tuesday- Time: Half past

<https://whiterosemaths.com/homelearning/year-1/>
<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>

Children are introduced to telling the time to the half hour. They learn the language half past. They understand that, at half past the hour, the minute hand has travelled half way around the clock from the twelve and is pointing at the six and the hour hand is half way between the hours e.g. half way between one and two or half way between nine and ten.

Mathematical Talk

Which is the hour hand? Which is the minute hand?
How do you know?

Where does the minute hand point to at half past?
Can you see that the minute hand has travelled halfway around the clock? Could you show this to your partner?

Can you show me _____?

Mild

I Match the clocks to the times.



half past 7



half past 10



half past 1



half past 4

2.



The time is half past _____.



The time is half past _____.



The time is half past _____.



The time is half past _____.

Medium

1. Alfie made some mistakes when he drew the clock hands. Tick the answers that he got right.

1.



half past three

2.



half past 4

3.



half past eight

4.



half past five

5.



half past 9

6.



half past 12

7.



half past seven

8.



half past 1

9.

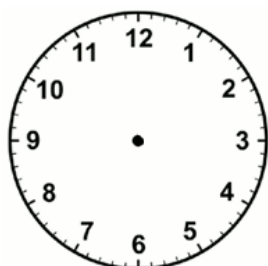


half past 2

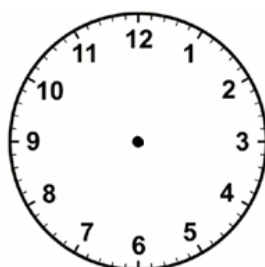
Can you explain how Alfie might have made his mistakes?

2. Draw the hour hand and the minute hand on clock faces to show these times:

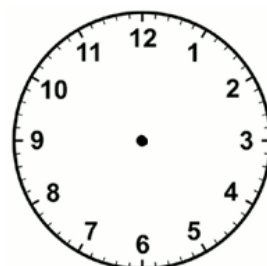
Half past 1



Half past four



Half past 8



Spicy

- 1a. Oh no! Alfie has a dentist's appointment but he tore his card.

half past

He can remember that it is after 10 o'clock.
Which time is his appointment?



Which clocks show a time that is later than ten o'clock?

What time is Alfie's appointment? Can you explain how you know?

Where will the minute hand point for Fred's appointment?

Will the hour hand point directly at a number on the clock? Can you explain how you know?

- b. Fred forgot when to meet his mum for tea.

I know it was half past something. The hour was between 2 and 5.



Could Fred be meeting his mum at half past six? Can you explain your thinking?

Is there more than one possibility for the time he is meeting his mum? What could they be?

Can you think of a clue that would leave only one possible time?

Can you find all the times it might be?

Can you think of another clue to let him know exactly what time to meet her?

Wednesday- Writing and measuring time

<https://whiterosemaths.com/homelearning/year-1/>
<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>

Children explore the difference between seconds, minutes and hours. They decide which activities would be measured in each unit of time. Children explore suitable equipment e.g. stopwatches or sand timers to measure durations of time. They carry out activities and use suitable equipment to measure how long each activity takes e.g. timing how long it takes to run around the playground using a stopwatch.

Mathematical Talk

Would you measure the activity in hours, minutes or seconds?

How many star jumps do you think you can do in 10 seconds?

Let's count to 20 seconds in our heads, stand up when you think we reach 20 seconds. How close were you?

Mild

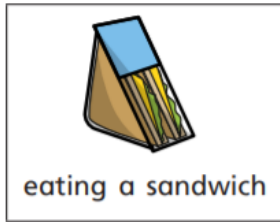
1. How many times can you do each activity in 5 seconds?
Work with a partner and take turns using a stopwatch or the second hand on a clock to time each other.

Activity	How Many in 5 Seconds?
Jump on the spot. 	
Nod your head. 	
Clap. 	
Shrug your shoulders. 	
Circle your hips. 	

Which activity was the quickest to do? _____

Which activity was the slowest to do? _____

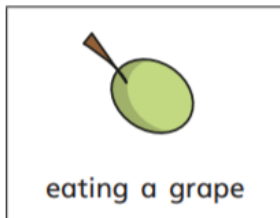
2. Match the activity to the time it takes.



seconds



minutes



hours

Medium

1. Ask a partner to use a timer.

a) How many smiley faces can you draw in 10 seconds?

b) What number can you count to in 20 seconds?

c) How many star jumps can you do in 1 minute?

2a. Decide whether we would measure each activity in seconds, minutes or hours.

		
eating a piece of popcorn	reading a picture book	sleeping at night
		
flying across the world	walking across the classroom	brushing your teeth
		
putting your hat on	taking a bath	going on a school trip

Seconds:

Minutes:

Hours:

b. Can you order the activities from shortest to longest time?

You could number these 1 - 9
(1 being the shortest time and 9 being the longest time)

Spicy

1. Dora has a clock without an hour hand.



She says,

I can measure how long it takes someone to run around the playground 10 times using my clock.



Do you agree with Dora?
Explain your answer.

2. Complete the sentences using seconds, minutes or hours.

We sleep for about 8 _____ each night.

It takes 30 _____ to wash your hands.

We must brush our teeth for 2 _____.

Playtime lasts for 15 _____.

The school day lasts for about 6 _____.

True or false?

A football match takes 90 seconds.

It takes 5 minutes to get dressed.

A cake takes 1 minute to bake.



Can you think of your own true or false sentence for a friend?

1. _____

2. _____

Thursday- Compare times

<https://whiterosemaths.com/homelearning/year-1/>
<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>

Children compare amounts of time using the language faster, slower, earlier and later. They build on writing and measuring time by comparing different amounts of times using time language. Children understand that when someone wins a race the length of time will be shorter and if someone takes longer the length of time will be larger.

Mathematical Talk

Which is longer: one hour, one minute or one second?

If I finish a race first, am I faster or slower than everyone else?

Can you think of a comparison where you use faster and slower in the same sentence?

e.g. A rabbit is faster than a tortoise but slower than a cheetah.

Mild

1 Tick the longest time in each set.

a) 1 minute 1 second 1 hour

b) 1 week 1 month 1 day

2 Tick the shortest time in each set.

a) 1 minute 1 second 1 hour

b) 1 week 1 month 1 day

3. | Three children ran a race.

Ron



65 seconds

Kim



53 seconds

Sam



60 seconds

Complete the sentences.

- a) _____ was the fastest.
- b) _____ was the slowest.
- c) _____ was faster than Sam.

Medium

1. Write $>$, $<$ or $=$ to compare the times.

1 day 1 week

7 days 1 week

1 month 1 week

2. Three puppies had a race around the park. Here are their times.

Buster	Max	Spot
		
51 seconds	39 seconds	42 seconds

Which puppy won the race?

Which puppy took the shortest time? Was it the fastest or the slowest?

Which puppy took the longest time? Was it the fastest or the slowest?

Use the words 'faster' or 'slower' to complete the sentences.

Buster is _____ than Spot.

Max is _____ than Spot.

Spot is _____ than Max.

Max is _____ than Buster

Which puppies are these clues about?

This puppy was 12 seconds faster than Buster.

This puppy was 9 seconds slower than Spot.

This puppy was 3 seconds slower than Max.

Spicy

1. 5 children ran an egg and spoon race. Their teachers gave out prizes for 1st, 2nd, 3rd, 4th and 5th place.

In which place did each child come? Use the clues to complete the table.

- Sasha finished the race 10 seconds before Lulu.
- Nick finished the race 2 seconds before Molly.

Child	Time	Place
Sasha	50 seconds	
Lulu		
Nick	30 seconds	
Taj	45 seconds	
Molly		

How can you work out how long Lulu took to finish the race?

How can you work out how long Molly took to finish the race?

How do you know which child came first?

How do you know which child came second?

How do you know which child came last?

2. Complete the following activities and record how long it takes each person.

- Build a tower of ten bricks.
- Run a lap of the playground.
- Write your name five times.

Write three sentences about each activity using the words **slower** and **faster**.

1. _____

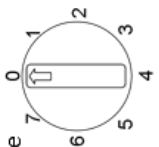
2. _____

3. _____

Friday- Challenge of the week

<https://whiterosemaths.com/homelearning/year-1/>
<https://www.bbc.co.uk/bitesize/tags/zjpqqp3/year-1-and-p2-lessons/1>

Friday is challenge day on BBC Bitesize Daily. Alongside this, today we would like you to have a go at completing the following key skills questions. How much can you remember from your previous learning at both school and your home learning?

Number and Place Value		Fractions and Measure		Measure and Geometry	
1:1	1. How many counters? 	1:11	11. What fraction of the sweets is circled? 	1:16	16. If today is Tuesday, tomorrow is: a. Monday b. Wednesday c. Tuesday
1:2	2. What is the missing number? 10 20 30 50	1:12	12. What fraction of this shape is coloured in? 	1:17	17. What month is the sixth month of the year? a. March b. June c. August
1:3	3. What number is one more than 49?	1:13	13. Circle the animal that is the slowest ? 	1:18	18. Draw the hands to show: Half past seven.
1:4	4. Write a number that is more than 12.	1:14	14. How much water is in the bowl? 	1:19	19. What is this shape?  a. square b. triangle c. rectangle
1:5	5. Write this number in numerals: thirteen	1:15	15. How much altogether? 	1:20	20. What number will the dial be pointing to after a three quarter turn clockwise? 
1:6	6. What symbol is missing? 14 7 = 7				
1:7	7. What is the missing number? 6 + = 20				
1:8	8. $13 + 6 =$				
1:9	9. Mike has 17 sweets. He eats 6 of them. How many does he have left?				
1:10	10. 3 cakes come in a box. If you buy 4 boxes, how many cakes do you have?				