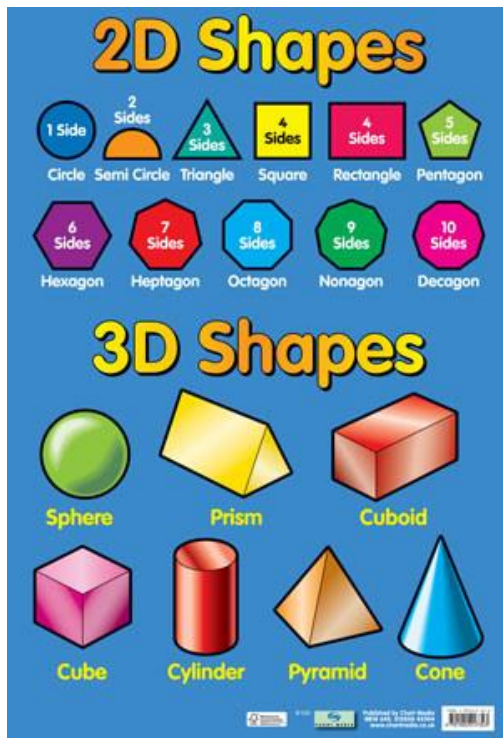
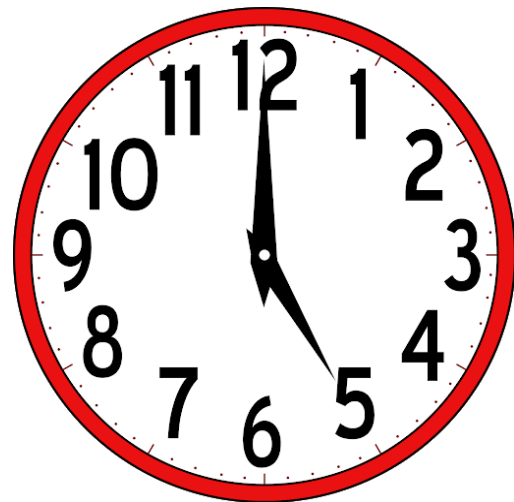
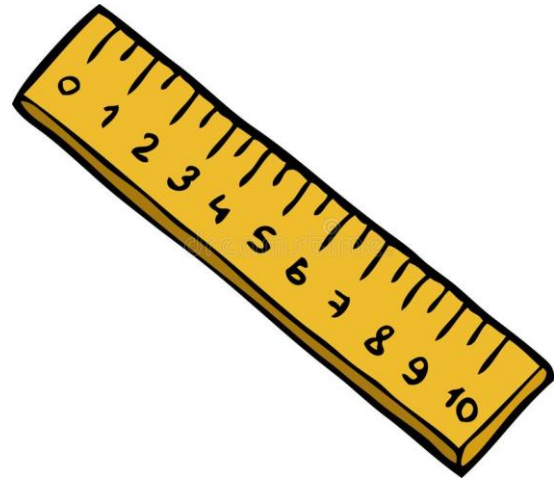


# Year 1 Maths Learning Challenges

## Week 1

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



## Day 1

### What can you do in 1 minute?

How many star jumps can you do in one minute?



How many times can you count up to ten in one minute?

1 2 3 4 5  
6 7 8 9 10

How many times can you write your name in one minute?



How many different words can you write down in one minute?



How many times can you sing a chosen nursery rhyme in one minute?



Have a go at each activity and record how many times you could do it in a minute.

Create a table that looks like this in your exercise book:

Activity	How many times in 1 minute?
Star jumps	
Writing my name	
Count to 10	
Sing a nursery rhyme	
Writing words	

Extension – ask someone else at home to have a go. Can you compare your times with theirs? Write a sentence using quicker/ slower.

For example

I did 10 star jumps and my mum did 7 star jumps. This means I was quicker.

## Day 2

### Comparing time

Copy and complete the stem sentences into your exercise book.

There are \_\_\_\_ seconds in a minute.

There are \_\_\_\_ minutes in an hour.

There are \_\_\_\_ hours in a day.

There are \_\_\_\_ months in a year.

Look at the pictures and put them in order of length of time.

A year



Your age



24 hours



Boiling an egg



60 minutes



In your exercise books make a timeline that looks like this and write on each pictures as to where it should go.

Shortest  
amount of  
time

Longest  
amount of  
time

Look at the question below. Copy and complete the stem sentence into your exercise book to compare their times.

Ellie took **15 seconds** to eat a sweet. Abby took **20 seconds** to eat her cake.

Who was **slowest**?










Ellie took -----

Abby took -----

This means that ----- was slower.

### Day 3

### Comparing time

		
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

Decide whether we should measure each activity in seconds, minutes or hours.

S – seconds

M – minutes

H – hours

What activity would take the longest?

-----

What activity would take the shortest?

-----

Write each activity into your book and whether it should be measured in seconds, minutes or hours.

For example:

Putting your hat on = seconds

Flying across the world =

Look at the question below. Copy and complete the stem sentence into your exercise book to compare their times.

James took 12 seconds to read a page of a book.  
Ned took 12 minutes to read a page.

Who was the **quickest**?

James took -----

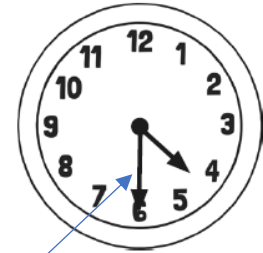
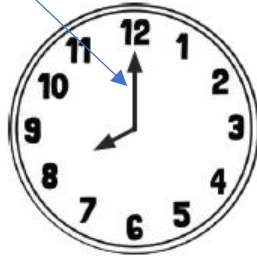
Ned took -----

This means that ----- was quicker.

Day 4

Reading/ writing time

When the minute hand is on the 12. It is o'clock.



When the minute hand is on the 6. It is half past.



**Challenge!**

Make your own clock. This could be with resources around your house. Or draw a big clock in your book.



Practice showing different times on your clock, making sure the minute hand (big hand) and the hour hand (small hand) are on the correct numbers – don't get them mixed up!

Writing time

In your books, have a go at drawing the clocks for the times below...

*(or print these clocks out and draw the hands on)*



9 o'clock



half past 3



5 o'clock



1 o'clock



half past 7



half past 8



10 o'clock

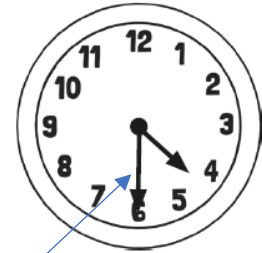
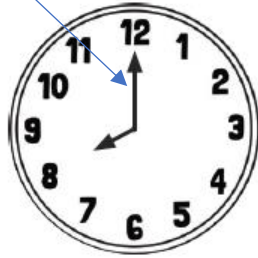


half past 12

Day 5

Reading time

When the minute hand is on the 12. It is o'clock.



When the minute hand is on the 6. It is half past.

Look at the clocks.

1 	2 	3 	4 
5 	6 	7 	8 
9 	10 	11 	12 

In your exercise books write the time for each clock.

For example

1. 3 o'clock
2. ...