

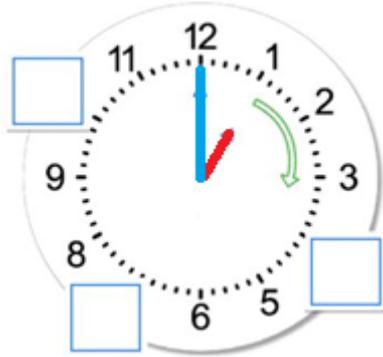
RECALL – O' CLOCK

Some of the numbers from the clock are missing.

Fill in the missing numbers.

What number is the long blue hand pointing to?

What number is the short red hand pointing to?



This is the hour hand. What time is it?



The **long blue hand** on the clock is the minute hand. The **short red hand** on the clock is the hour hand. What time do these clocks show?



___ o'clock



___ o'clock



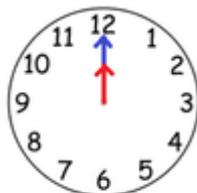
___ o'clock



□ o'clock



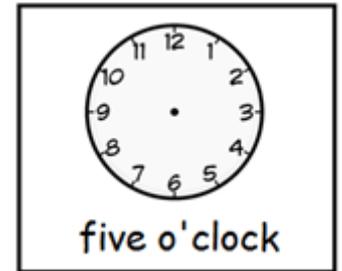
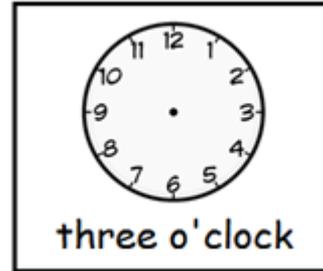
□ o'clock



□ o'clock

Draw the time on the blank clock face.

Remember: the minute hand is long and the hour hand is short.



Count forward in hours.

6 o'clock, 7 o'clock _____

3 BEFORE ME

Use a plastic clock.



RECALL – O' CLOCK

Draw a line to match the times.



three o'clock



one o'clock



twelve o'clock



five o'clock

In the morning, there are ____ hours.

In the afternoon, there are ____ hours.

Altogether, there are ____ hours in a day.

AM refers to the ____.

PM refers to the ____.

3 BEFORE ME

Use a plastic clock.



To work out the digital time for the afternoon, add the current hour to the 12 hours from the morning. Complete the table.

Time	Morning -am	Afternoon - pm
	02:00 am	__:00 pm (12 + 2 = __)
	06:00 am	__:00 pm (12 + 6 = __)
	09:00 am	__:00 pm (12 + 9 = __)
	__:00 am	__:00 pm (12 + __ = __)

It is 10 o'clock at night.

What time will it be in 3 hours time? Explain.



LO: I KNOW A DAY CAN BE BROKEN UP INTO HOURS.

Page

Success Criteria

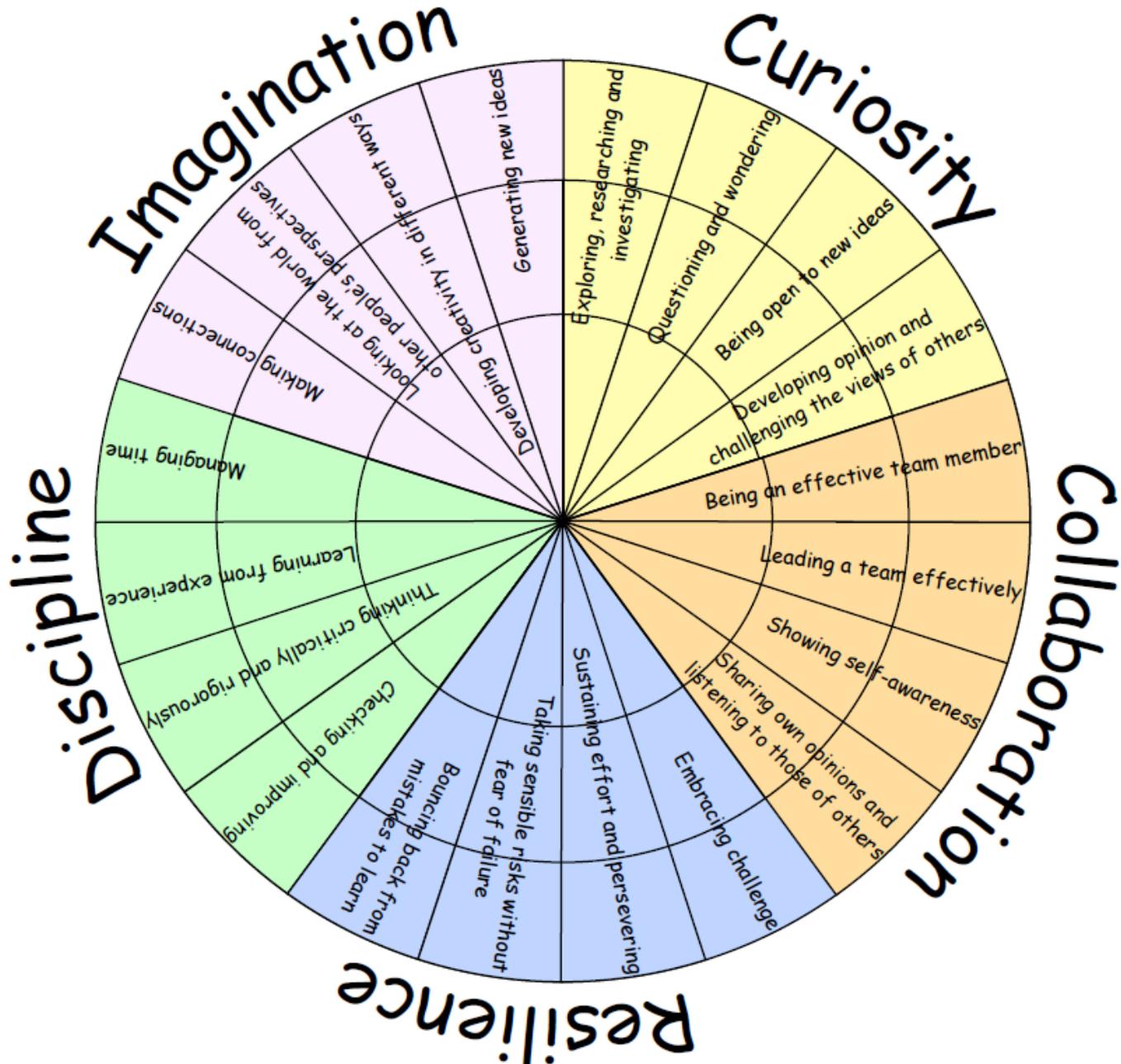
Some will even problem solve.

Some will know different parts of the day are called other things (dawn, dusk, midnight, midday, noon etc.)

Most will know why there are 24 hours in a day (clock face).

All will know there are 24 hours in a day.

LEARNING HABITS?



GUIDED PRACTICE

Debate - Discuss these ideas with your partner.

When does the day start and end?



I think a day starts when the sun comes up and ends when it gets dark.

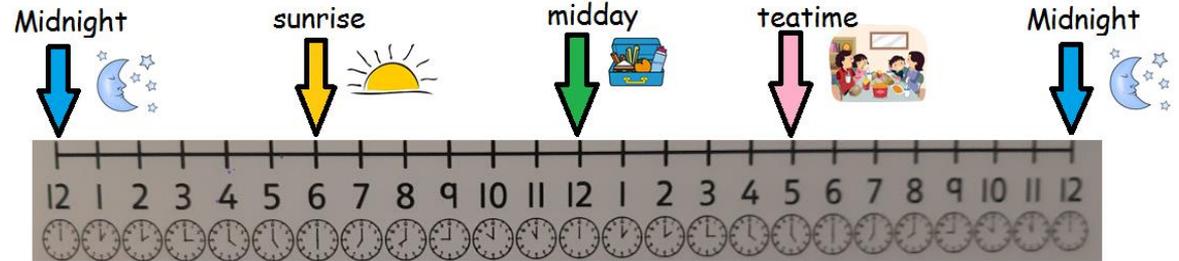
I think a day starts when I wake up and ends when I go to bed.



I think a day starts at midnight and ends at midnight the next day.



- The start of the day is at 12 o'clock at night. This is 00:00am on a digital clock. It is also called midnight.
- People may wake up around 6 o'clock in the morning as the sun rises. This is 06:00 am on a digital clock. It is also called dawn.
- People may have their lunch around 12 o'clock, or midday/noon. This is 12:00pm on a digital clock and the start of the afternoon (pm).
- People may have their tea around 5 o'clock in the afternoon. This is 17:00 pm on a digital clock (12hours from the morning add 5 hours in the afternoon = 17).



Between midnight and midday, there are 12 hours. This is the morning and digital times use AM.

Between midday and midnight, there are 12 hours. This is the afternoon and digital times use PM.



12 hours in the morning and 12 hours in the afternoon makes 24 hours in a day.

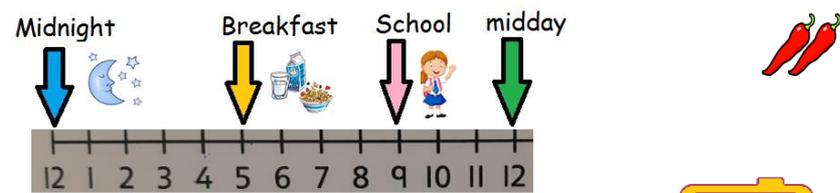
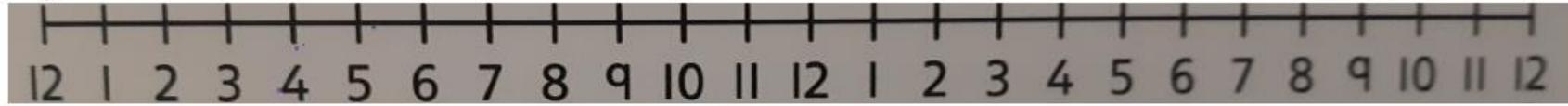
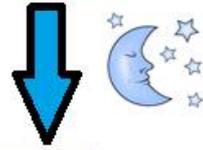
INTELLIGENT PRACTICE

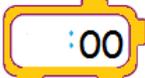
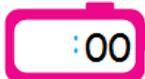
Write the o'clock times for the blank clocks.

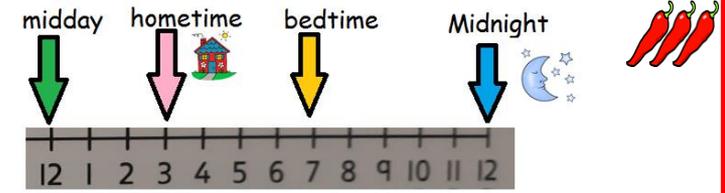
Midnight

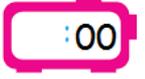
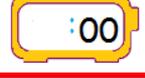


Midnight



- What time did I have breakfast? o'clock 
- What time did I go to school? o'clock 
- What time is midnight? o'clock 
- What time is midday? o'clock 



- Remember that digital clocks will need to be afternoon times (PM).
- What time is home time? o'clock 
- What time is bed time? o'clock 

It is 15:00 PM.
 What time was is seven hours ago?
 Prove it on a number line.



DIVE DEEPER 1

1 Twelve hours in the morning add twelve hours in the afternoon.



2 One day lasts for _____ hours.

It starts at _____ and ends at _____ the following day.

3 How many times does the small hour hand travel all the way around the clock face in a day? Tick one.

24 times

twice

once

12 times

4 Is this true or false?



Midnight is not the start of a new day because it is still dark.

5 Write each letter in the correct circle.

A - a whole day

B - half a day

C - from midnight until 12 midday

D - the length of time Monday takes.

E - 2:00 PM until 2:00 PM the next day

24 hours

12 hours

6 Draw the times and label to clock with the time and day that shows 24 hours later.



+ 24 hours



1 o'clock Wednesday _____



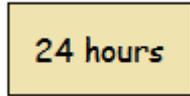
+ 24 hours



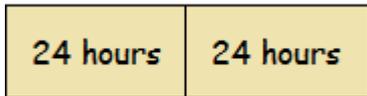
_____ 5 o'clock Saturday

DIVE DEEPER 2

- 1 Complete the bar models to show how many hours are in each length of time.



1 day = 24 hours



___ days = ___ hours



___ days = ___ hours

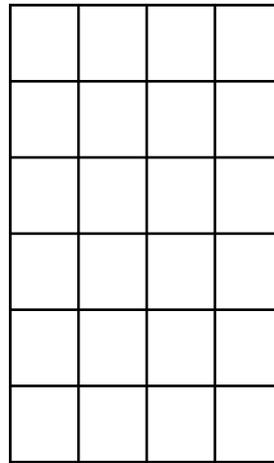
- 2 There are seven days in a week.
There are 24 hours in a day.

Finish the bar model to show this data.

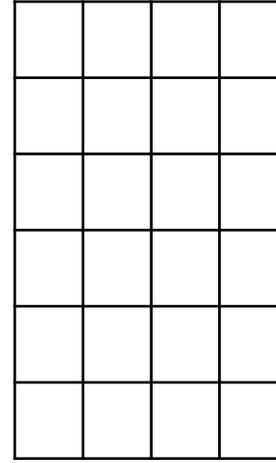


How many hours are in a week?

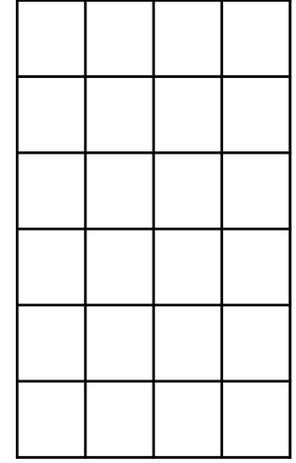
- 3 Colour each grid to show the number of hours in each fraction of a day.



$\frac{1}{2}$ of a day =

 hours


$\frac{1}{4}$ of a day =

 hours


$\frac{1}{3}$ of a day =

 hours

- 4 Rosie is being sponsored for a 24 hour silence.
She starts at 8 o'clock in the morning.



a) What time will she finish the next day?

b) It is now 6 o'clock in the morning on the next day.
How long has she been silent for?

 hours

c) How long has Rosie got left?

 hours