

# Make your own Learning Clock

## Time to Take Action!

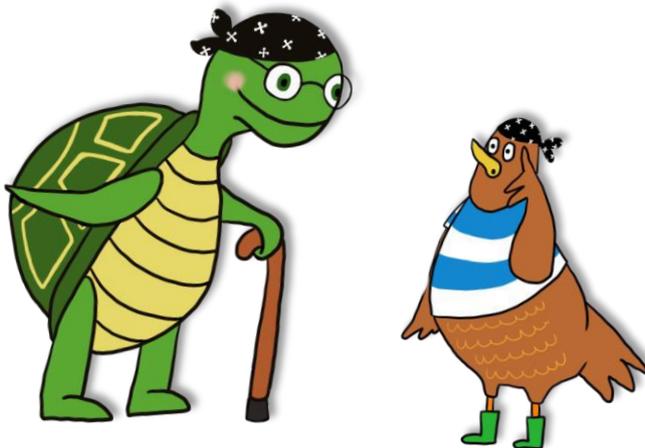
The Maths Mates' mission to clean up the ocean and beaches was about to begin.

So, an important message was sent out to the crew.

But, the hens were confused about the time!



## “What does quarter to one look like on a clock?”



Of course, Time Turtle was there to help his friends by explaining that when using an analogue clock, you can tell how many minutes are **past the hour** by counting in 5s. When the minute hand is pointing to the number 1, it's five minutes past, number 2 is ten minutes past and so on.

When you get to number 7, instead of counting 35 minutes past the hour, you start counting to the hour. So, number 7 is 25 minutes to.

Can you work out what numbers 8, 9, 10 and 11 are ?

Why not make your own learning clock/watch by following the instructions on the next page.

## Why's this maths?

It's a creative, hands-on way to discover the parts of a clock and how they work. You'll be having fun whilst learning the hours and minutes on a clock and practising telling the time.

For more fun activities visit [www.mathsontoaast.org.uk](http://www.mathsontoaast.org.uk)

Don't forget to share your creations and comments on Twitter, Facebook or Instagram tagging @mathsontoaast using #positiveaboutmaths

# Make your own Learning Clock

## To make a watch

you will need:

- Cardboard roll
- Card (cereal box)
- Paper fastener
- Paint/pens
- Scissors

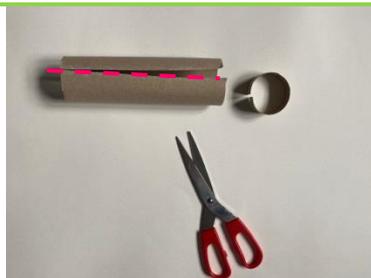


## To make a clock

you will need:

- 2 paper/card circles or 2 paper plates
- Piece of paper/card
- Paper fastener
- Paint/pens
- Scissors
- Glue

## Watch



1. Make a cut lengthways down the cardboard roll and then cut a strip from the end to make a strap.



2. Draw a circle and two rectangles/pentagons (clock hands) on card and cut them out.



3. Make a hole in the centre of the strap, hands and face large enough to fit a paper fastener.



4. Draw your watch face. Colour and label numbers 12-6 as **Past** and 6-12 as **To**. You can also add the minutes to and past the hour!

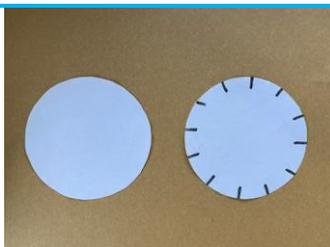


5. Secure the pieces using a paper fastener.



6. Ta – Dah! You have a learning watch.

## Clock



Mark 12 lines around the edge of one circle and snip. Put a little glue on the back (in the centre) and stick to the other circle.



Write the hour numbers on the top circle and then lift the flaps to write the minutes **to/past** the hour. Cut out some hands and fix using a paper fastener



Now decorate your clock with pens/paint!

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