

# 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 14:00 look like on a clock?”

Of course, Time Turtle was there to help his friends by explaining that there are two types of clock, the 12 hour clock and the 24 hour clock. The 24 hour clock tells the time using the numbers 00:00 (midnight) to 23.59. You don't need to use am or pm as afternoon is indicated by a number bigger than 12.

### Top Tip:

The 24 hour clock time is **+ 12**  
So, 2pm + 12 = 14:00



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 relationship between the 24 hour clock and the 12 hour clock, practising telling the time with both.

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

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# Make your own Learning Clock

## To make a watch

you will need:

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

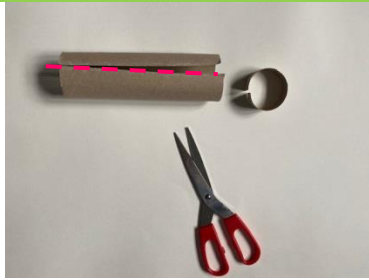


## To make a clock

you will need:

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

## Watch



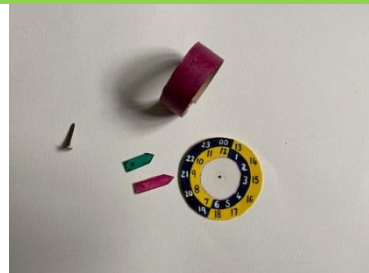
1. Make a cut lengthways down the cardboard roll and then cut a strip from the end to make a strap.



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 the 12 and 24 hour clock on your watch face. You may like to colour the times to show **daytime** and **evening/night**.

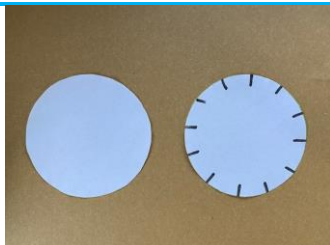


5. Secure the pieces using a paper fastener.



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.



Draw the 12 hour clock on the top circle and then lift the flaps to write the 24 hour clock underneath. Cut out some hands and fix using a paper fastener



Now decorate your clock with pens/paint!

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