

MATHEMATICS



The time

HOW TO CREATE YOUR ELEMENTS

STORAGE

The materials used in the box fit into a large envelope.

CRAFT THE ELEMENTS

A.For Sequence 1:

Prepare the necessary materials :

Analogue clock elements are printed on thicker paper, paper pins, coloured pencils, scissors, glue, and worksheets with digital clocks.

Analogue clock guide

1. Cut out the clock number plate



2. Cut out the clock hands

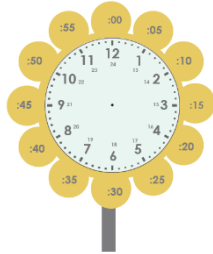


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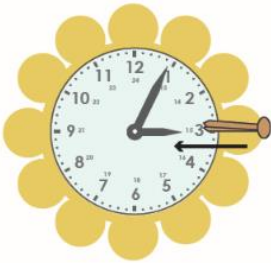
3. Glue the number plate to the base



4. Stick a number plate on a cardboard plate on a base.

5. Attach the clock hands to the centre of the number plate.

Use a paper pin.



Print the pictures you need for the analogue clock on thicker paper (200gr.).

- Search for pictures of various time measuring instruments; the pictures can be printed out or, to save the environment, shown on the screen with a projector.
- Print out a storytelling element and worksheets with digital clocks and analogue clock elements.
- Put all the box materials in a large envelope.

B. For Sequence 2:

Prepare the necessary materials:

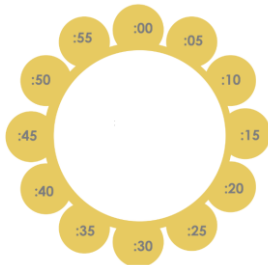
1 sheet of thick drawing paper, paper pins, coloured pencils, scissors, glue, ruler, compass, and worksheet with digital times.



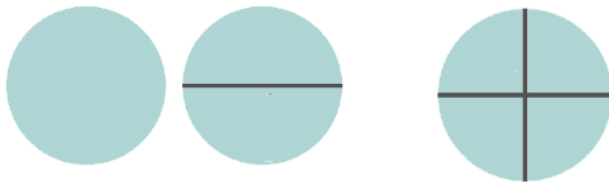
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Analogue clock guide

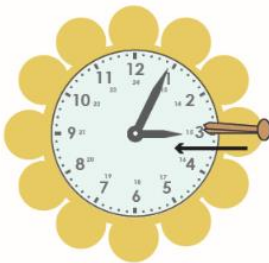
1. Cut out the base of the clock.



2. Measure and draw with a compass on thicker paper a circle of suitable size according to the clock base.
3. Use a compass to divide the circle in half, and in half again.



4. Stick the ring on the base of the clock, decorate and add numbers.
5. Attach the clock hands to the centre of the number plate. Use a paper pin.



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- Search for pictures of various time measuring instruments; the pictures can be printed out or, to save the environment, shown on the screen with a projector.



Water clock



Sand clock

More pictures and information:

<https://www.paymoapp.com/blog/timekeeping-devices/>

- Print out a storytelling element and worksheets with digital clocks and analogue clock elements.
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ALTERNATIVES

It is also possible to create a floral clock.

https://en.wikipedia.org/wiki/Linnaeus%27s_flower_clock

Discover the idea of the floral clock by Carl von Linne (1707-1778).

Find the pictures of the plants needed to make the floral clock, adding the Latin name of the plant if you wish.



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You can make a clock based on the sequences of the box and decorate it with pictures of natural plants, adding the names of the plants, including the Latin names, if you wish.



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