



Primary  
Subject specific

# Chalk clock faces

Age: 4-11

Subject: Maths

Topic: Time



## Previous learning required

- The long hand of the clock is the **minute** hand.
- It takes a full hour (60 minutes) for the hour hand to go all the way around the clock face.
- The small hand is the **hour** hand.

## Learning outcomes

- How to correctly show times on an analogue clock.

## Equipment

- Chalk to mark numbers and the circle.
- String and scissors.
- Small cone, tyre or similar to represent the centre of the clock face.

## Activity

1. Split the pupils into small teams.
2. Draw a circle that is big enough to lie in using the string and chalk. (Tie a piece of chalk to one end of a piece of string. One pupil holds the other end in place where the centre of the circle will be, whilst a second pupil draws a circle with the tied-on chalk ensuring that the string is always kept taught).
3. Label the clock face numbers out evenly around the circle. (This provides a good link to fractions as the circle is split first in half, then into quarters and finally into twelfths).
4. Allow the pupils to take turns at being the minute and the hour hands by lying down in appropriate positions to represent different times (time challenges will differ depending on the ability and age of your group).
5. Remind pupils that the hour hand will have to make themselves smaller than the minute hand so that you can clearly see what time they are demonstrating.

## Check for understanding

1. Ask pupils to label the relevant parts of their clock face.
2. Depending on the level being covered, challenge pupils with various questions e.g.
  - Chalk to mark numbers and the circle.
  - Correctly show times at 5-minute intervals.
  - Alter given times correctly e.g. 20 minutes after the time school starts etc.



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