

Making a Sundial

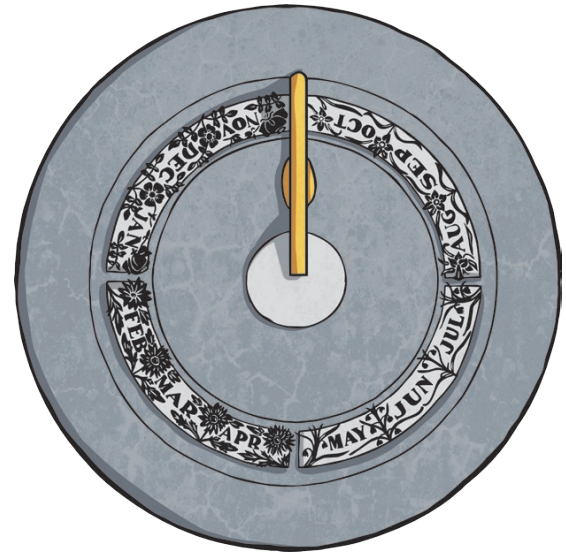
You will need:

Chalk

Stones

Large, straight stick

Clock



Instructions

1. Find a spot outdoors that is not sheltered and that the sun will be able to shine on easily.
2. Place your stick vertically in the centre of this area. (On a concrete area, you could create a small mound of dirt or stones and push your stick into this.)
3. On each hour, look at where the shadow of your stick falls. Place a stone at the end of each shadow.
4. With your chalk, write the number of the hour next to the pebble.
5. Repeat until the end of the school day.
6. Test out your sundial by checking that the shadow falls onto the correct pebble at the correct time, the following day.