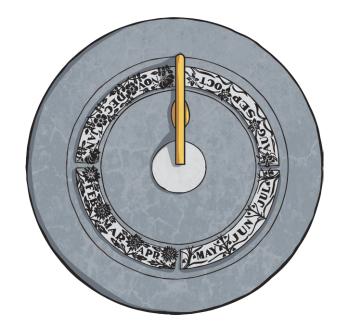
## Making a Sundial

**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.



