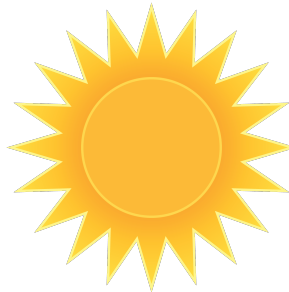




What's the Time Mr Sun? (Make Your Own Sundial)



Things you will need:

- Playdough or clay
- 12 rocks
- A stick

Instructions:

A sundial is like a natural clock. Find an open spot outside that has sun on it throughout the day. Push the stick into the lump of playdough so that the stick stands upright. Throughout the day at every hour on the hour you should place a rock where the shadow of the stick falls – you may need to complete this over a couple of days. You will now be able to use your sundial to tell the time.

The science behind it:

The sun's light will make your long stick cast a shadow. The shadow will change its angle depending how the sun's light is hitting the stick because our earth is constantly rotating and revolving around the sun.