



BOOMbox at Home

Sundials tell time by using the sun's shadow. Throughout the day, the shadow will move across the sundial face, letting you know what time it is. Although it seems like the Sun is moving across the sky, it's actually the Earth rotating.

Supplies

- 1 paper plate
- 1 sundial face printout <https://bit.ly/3KIDm1F>
- Scissors
- Tape or glue stick
- Sharpened pencil
- Straw or stick
- Compass (optional)

Instructions

- Cut out the sundial face printout and glue or tape it onto the bottom of the paper plate, or draw the sundial face on the paper plate with markers.
- With the sharpened pencil, poke a hole through the center of the paper plate.
- Push the straw or stick through the hole. You can use tape to secure the straw or stick.
- With your sundial constructed, take it outside on a sunny day and put it on a flat area. For accurate results, make sure the sundial is pointed north.
- Watch the sundial over a few hours. The straw's shadow will tell you what time it is!

What will you learn today?