

# SUN DIAL

PERFECT ACTIVITY  
FOR A  
SUPER SUNNY  
DAY!

## SUPPLIES NEEDED

- Paper plate
- Straw
- Crayon/marker/pen
- Push pins



## HOW TO MAKE A SUN DIAL

1. Write the number 12 at the top of the plate, 6 at the bottom, and then continue writing the rest of the face of a clock on the paper plate.
2. Push a hole in the center of the plate and insert your straw.
3. At noon, the straw should cast a shadow pointing to the 12, if it does not point toward the 12, rotate the plate until it does.
4. Throughout the day, check the sundial to tell what time it is!

## DID YOU KNOW?

Sundials were the only way to tell time until the early 19th century. A sundial tells solar time based on the location of the sun in the sky. When the sun is directly overhead (at noon), the shadow on the sundial will be shorter than in the early morning or evening when the sun is lower in the sky.



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