

DIY SUN CLOCK

Grade Recommendation: PK-4

Supplies: Paper plate, pencil, marker, a compass

Step One:

Gather your supplies

Step Two:

Write 12 at the very top of the plate and stick your pencil in the center of the plate.



Step Three:

Use a compass to determine closest celestial pole



Step Four:

Bring the plate outside at noon and rotate the plate so the shadow covers the 12



Step Five:

Go outside every hour and mark where the shadow is on the plate with the next number

Step Six:

Talk to your students about the shadows and how the sun can tell time