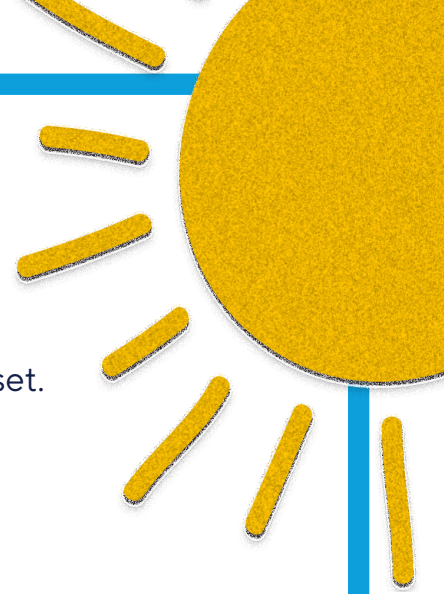


hello summer!



Explore the outdoors and the science of the sun with this make your own sundial activity.

Ancient people first learned about time by watching the sun rise and set. A sundial tells you what time of day it is by the shadow it casts.

How to make a sundial:



- 1 Using chalk draw a large circle
- 2 Make evenly spaced marks around the outside edge for each hour of the day
- 3 Find and mark the center of the circle
- 4 Stand in the center of the circle and have someone trace your shadow
- 5 Mark the time
- 6 Wait an hour
- 7 Repeat steps 4, 5, and 6

Curiosity questions:

Record your observations in a nature journal!

What...

...time of day is your shadow the longest? Shortest?

do you think will happen if you go outside at the same times tomorrow?

...do you observe about the different shadows?

Why do the shadows change throughout the day?



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For more social distancing *outdoor* activity ideas visit bit.ly/OutdoorFunUtah.

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