

# Science

For Science, we were learning about light and shadows. We found some videos about shadows and have provided an activity! A couple bonus activities and videos were added as well!

## All About Shadows

-Watch this video about shadows: <https://www.youtube.com/watch?v=I0IGOT88Aqc>

-Activity: Go outside (on a sunny day) have someone mark your shadow with chalk or use a toy and mark its shadow with chalk! You can also go outside and find some shadows! Notice the different shapes a shadow can make!

Watch this video about sundials!: <https://www.youtube.com/watch?v=SeSexM-wVzA>

Sundial Craft Activity: Make your own sundial using a paper plate, pencil, and tape.

1. Flip a paper plate upside down and write numbers around the plate, like the numbers on a clock.
2. Put a sharpened pencil through the center of the plate and take your sundial outside on a sunny day.
3. Place the plate on the ground with the 12 facing north. Visit the sundial several times throughout the day and mark where the shadow is to see how it changes!

Bonus: ▪ Design a solution to the problem. • You have a window in your house that is letting in so much sunlight that algae is growing in your fish tank. You want to let less light come in through the window. What kinds of materials would allow some but not too much light in?