

Exploring Sunshine & Shadows



Day and Night activity about the Earth spinning on its axis toward and away from the sun

Have your child place a sticker on a ball and hold the ball so the sticker is facing the flashlight. The sticker represents where you are on planet Earth during the day time. Now slowly turn the ball as the sticker moves away from the "sunlight." Now the sticker represents where you are on planet Earth during the nighttime. Do this several times. If you don't have a ball, put a sticker on the child's shirt and use this as a place to shine the flashlight as the child slowly turns away from the "sunlight."

Draw your shadow (or an object's shadow) and come back later to see if it moves

Go outside in the morning on a sunny day. Find a place where you can trace your child's shadow such as with chalk on a sidewalk or with a stick in the dirt. Mark an X where the child was standing. Come back in the afternoon and see where the shadow is now. Has it moved? If so, have your child stand on the X and trace the new shadow. You can come back at specific intervals during the day (every couple of hours) to see how the shadow has moved.

