

Shadow tracers

AGES 5-10 / ABOUT 15 MIN / WITH A GROWN-UP

1. On a sunny day (or with a lamp), place 3 small toys where they make shadows.
2. Trace each shadow on paper. Color it in.
3. Come back in an hour and trace again. What changed?

My first shadows

My shadows later

MY NAME OR MARK: _____

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THE GROWN-UP GUIDE

Shadows turn light and time into something you can see.

GATHER

This sheet, 3 small toys, pencil, crayons, a sunny spot or lamp.

A QUESTION TO BORROW

Which way did the shadow move? Why do you think it got longer or shorter?

MAKE IT EASIER

Trace just one toy. Grown-up holds the paper still.

ADD A CHALLENGE

Predict where the shadow will be before you trace it. Were you right?

A GOOD PLACE TO STOP

Hang the traced shadows where you can compare them.

KEEP IT COMFORTABLE & SAFE

Never look at the sun. Keep lamp bulbs out of reach.

CONNECTED TO

The Sage Dad · Light and time

Age ranges are a guide. Let your child point, draw, dictate or write.
Use with a grown-up; pause whenever either of you needs a break.