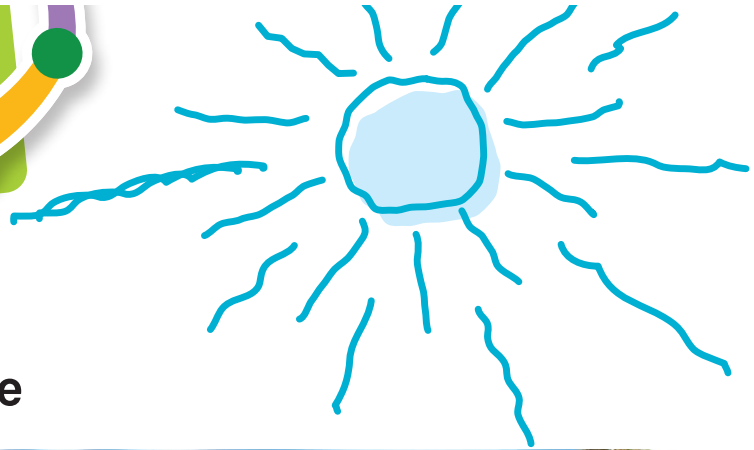


Hands On!



Engineer It

Plan and Build Shade



Shade is an area where the sun's light is blocked. People can make shade. Shade can protect you from the sun.

Ask a question.

Ask a question about what makes good shade.

Explore

Step 1

Define the problem.
Share with a classmate.



Step 2

Plan a way to make shade.

A large, empty rectangular box with a blue border, intended for a drawing or plan. A blue line drawing of a pencil is positioned at the top right corner of the box.

Make

Step 3

Build the shade.

Have children think about what makes good shade. Ask them where they have felt the coolest on a sunny day.



Step 4

Put one rock in the sun.

Put the other rock in the shade.



Tell the teacher how you decided on roles with your partner.

Step 5

After an hour, touch each rock.

How does each rock feel?

Did the shade protect the rock?

- Make a **claim**. Use **evidence**.

- Make a claim about the difference the shade will make on how each rock feels.

MAKING SENSE What did you explore in this activity? How does this help you explain why it seems cooler in the shade than in the sun?

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