PROJECT!

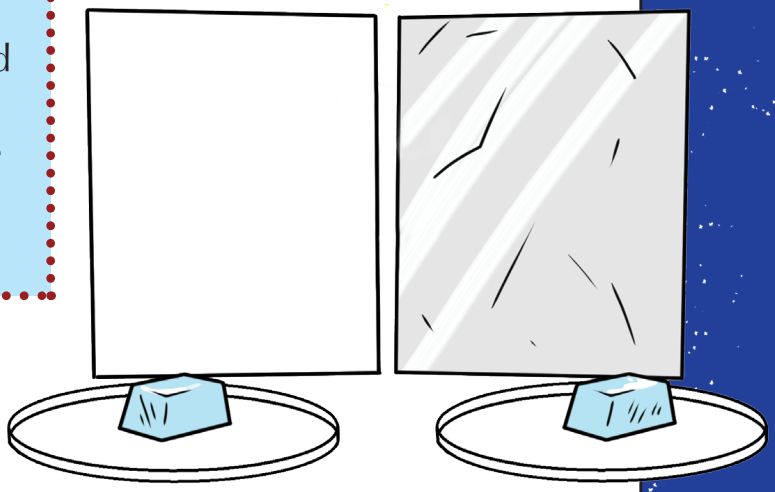
REFLECTION

If you have been around a lot of clean ice and snow during the day, you know it can be hard to see because it is so bright. Ice acts as a reflector. When the sun's rays hit clean ice, most of them bounce back up into space. This makes it harder for the sun to warm things up.

SUPPLIES

- 2 plastic lids
- 2 same-sized ice cubes
- aluminum foil
- white paper
- a sunny day or two lamps
- science journal
- pencil

1 Place an ice cube on top of each plastic lid and place each lid in a sunny spot or under a lamp. If you are using lamps, make sure each lid is the same distance away from the light bulb.



2 Place aluminum foil over one lid and the plain white paper the other.

3 Start a scientific method worksheet. Record the time you are starting the experiment and your predictions. Which ice cube will melt faster? How much faster will it melt? Check on your ice cubes every few minutes. Record your observations and the times you make them.

TRY THIS! Scientists know that when ice gets covered by wind-blown dirt, it absorbs the sun's rays and warms up. Repeat the experiment, but sprinkle dark soil on the ice cube on the foil. Does that change your results?