

## Lesson: How could you warm up a frozen playground?

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| <b>design</b>     | to make a plan for creating or doing something  |
| <b>engineer</b>   | a person who uses science to come up with solutions to problems   |
| <b>experiment</b> | a test used to discover new information about a question  |
| <b>inventor</b>   | someone who comes up with something new, often an object or a way of doing something                                  |
| <b>light</b>      | what comes from the Sun and lamps and makes it possible to see things   |
| <b>mirror</b>     | an object so shiny that light bounces off of it   |
| <b>model</b>      | a pretend version of something that scientists use when the real thing is too big, small, or complicated to work with |
| <b>shade</b>      | a dark, cool place that is not directly in the sunlight   |
| <b>shadow</b>     | a dark shape made when an object is in front of a light source  |
| <b>summer</b>     | one of the four seasons, the warmest season in some places  |
| <b>Sun</b>        | the large ball of light in the sky during the day   |
| <b>sunlight</b>   | light from the Sun  |
| <b>warm</b>       | to make something hotter  |
| <b>winter</b>     | one of the four seasons, the coldest season in some places  |