Science Learning Packet

Grade K Reader

Sunlight and Weather:
Cool People in Hot Places

Suggested science learning activities for SPS students during the COVID-19 school closure.

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Due to the COVID-19 closure, teachers were asked to provide packets of home activities. This is not intended to take the place of regular classroom instruction but will help supplement student learning and provide opportunities for student learning while they are absent from school. Assignments are not required or graded. Because of the unprecedented nature of this health crisis and the District’s swift closure, some home activities may not be accessible.

If you have difficulty accessing the material or have any questions, please contact your student’s teacher.
Cool People in Hot Places

by Tessaly Jen
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PUPILS to whom this textbook is issued must not write on any page or mark any part of it in any way, consumable textbooks excepted.

1. Teachers should see that the pupil’s name is clearly written in ink in the spaces above in every book issued.
2. The following terms should be used in recording the condition of the book: New; Good; Fair; Poor; Bad.
Cool People in Hot Places

by Tessaly Jen
Does the *weather* ever feel too hot to you? In hot weather, the *temperature* is high. What do you do when the temperature is high? How do you stay cool in hot weather?
Some places have hot weather often. People in these places have ways to stay cool.
Coober Pedy, Australia

This is a place where the weather gets hot. What do the people do to stay cool?
People build underground homes here. **Sunlight** can’t reach underground. The houses are cooler underground, with no sunlight.
Cappadocia, Turkey

This is a place where the weather gets hot. What do the people do to stay cool?
The people who live here build into the sides of cliffs. The cliffs make **shade**. Sunlight does not shine on the buildings very much. The buildings are cooler in the shade.
This is a place where the weather gets hot. What do the people do to stay cool?
People paint their houses white and other pale colors. They paint all the surfaces: the walls and the roofs, too! In the sunlight, pale surfaces don’t get as warm as dark surfaces do. Pale surfaces make the houses cooler.
This is a place where the weather gets hot. What do the people do to stay cool?
People build houses with big roofs to make shade. The houses also have open spaces to let fresh air come in. Air can even come under the houses! The houses are cooler with shade and lots of fresh air.
This is a place where the weather gets hot. What do the people do to stay cool?
People build roofs over the sidewalks between the buildings. The roofs make shade. The sidewalks are cooler in the shade.
This is a place where the weather gets hot. What do the people do to stay cool?
People wear clothing in pale colors. When sunlight shines on them, pale colors don’t get as warm as dark colors do. Pale colors help keep people cool in the sunlight.
This is a place where the weather gets hot. What do the people do to stay cool?

Asheville, North Carolina
When it gets too hot, people set up cooling centers with sprayers. The sprayers send out tiny drops of cool water. The water helps cool people off.
All around the world, people have different ways to stay cool in hot weather. Some wear pale clothing. Some find shade. Some even live underground!

What do you do to stay cool?
Glossary

dark (color): closer to black than white

pale (color): closer to white than black

shade: a place where sunlight is blocked by something

sunlight: light from the sun

surface: the outside part of something

temperature: how hot or cold something is

weather: what is happening outside with the air and sky and temperature
Books for Sunlight and Weather:

What Is the Weather Like Today?
Getting Warm in the Sunlight
Cool People in Hot Places
Tornado! Predicting Severe Weather
Handbook of Models

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How do people stay cool when it gets too hot?

Sometimes it can be too hot outside. People have to find ways to deal with the heat. They build special houses, wear clothes in pale colors, and stay in the shade.