

Light: Observing the Sun, Moon, and Stars Introduction

“I love recess!” said Angelina. “Race you to the swings!”

Mylo and Suzi ran after Angelina. After a few minutes of playing, the three friends began to notice they were not having as much fun as they expected.

“The sun is sure bright today,” said Mylo. “I wish I had my sunglasses.”

“I know. I am so hot I could melt!” agreed Suzi.

“I love the bright sunshine and heat,” said Angelina. “But my mom is always making me put on sunscreen even though I never get sunburned.”

The friends decided to take a break and sit in a small patch of shade next to the school building.

“I wish we could be protected from the bright sunlight, heat, and sunburn while we play. Our recess is too short to waste time sitting here,” complained Suzi.

“You’re right, Suzi,” Mylo said. “Our playground is really fun, but it gets a lot of sun in the middle of the day.”

“How could we protect our playground from the sun?” Angelina asked. “I bet we could come up with a good idea.”

Mylo thought for a minute. He was so hot that it was hard to think.

“Let’s each of us come up with an idea that might work,” Suzi said.

Angelina added, “Then we can compare our ideas. That may help us find the best way to solve this problem.”

Just as they started to think about a plan for protecting the playground, Ms. Morales rang the bell to signal the end of recess.

How would you help Mylo, Suzie, and Angelina solve their problem? Can you design a way to protect your playground from the midday sun?