

Student Sun Sheets

Describe objects in the sunny spot in comparison to the same object in the shady spot.

Object #1: Cinderblock				
Shady Spot	Cold	Cool	Warm	Hot
Sunny Spot	Cold	Cool	Warm	Hot

The cinderblock in the _____ was _____ than the cinderblock in the _____ spot.

Object #2: Sand				
Shady Spot	Cold	Cool	Warm	Hot
Sunny Spot	Cold	Cool	Warm	Hot

The sand in the _____ was _____ than the sand in the _____ spot.

Object #3: Soil				
Shady Spot	Cold	Cool	Warm	Hot
Sunny Spot	Cold	Cool	Warm	Hot

The soil in the _____ was _____ than the soil in the _____ spot.

Object #4: White Material				
Shady Spot	Cold	Cool	Warm	Hot
Sunny Spot	Cold	Cool	Warm	Hot

The white material in the _____ was _____ than the white material in the _____ spot.

Object #5: Black Material				
Shady Spot	Cold	Cool	Warm	Hot
Sunny Spot	Cold	Cool	Warm	Hot

The black material in the _____ was _____ than the black material in the _____ spot.

Object #6: Plastic Trash Can Lid

Shady Spot	Cold	Cool	Warm	Hot
Sunny Spot	Cold	Cool	Warm	Hot

The lid in the _____ was _____ than the white lid in the _____ spot.

Object #7: Water

Shady Spot	Cold	Cool	Warm	Hot
Sunny Spot	Cold	Cool	Warm	Hot

The water in the _____ was _____ than the water in the _____ spot.

Draw a sketch of how sunlight reaches the Earth and warms it.

What is one thing that affects how sunlight warms an object?

Make one temperature comparisons of objects that you tested in your activity and sketch or write about them below.

What conclusion can we draw about the Sun's energy when it reaches the Earth?