

Puddles on plastic

This task is about what makes water dry up more quickly.

On a sunny day in summer some students put two equal-sized sheets of plastic on the flat concrete outside their room. One sheet of plastic was white and the other was black. They poured a glass of water onto each sheet.

The students saw that the water on the black plastic disappeared quickly, but the water on the white plastic stayed much longer.

a) Explain what happened to the water on the black plastic.

b) Why did the water on the black plastic disappear more quickly than the water on the white plastic?

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