

Runoff & Heat Scavenger Hunt

Go explore your school and find different examples of surface materials. List them below and record your observations. How hot are they? Are they impermeable or permeable, and did you find any evidence of pollutants?



Surface Material	Data
<p>1.</p> <p><input type="checkbox"/> Permeable <input type="checkbox"/> Impermeable</p> <p><input type="checkbox"/> In shade <input type="checkbox"/> In sun</p>	<ul style="list-style-type: none"> • Temperature of surface: _____ • List any possible Pollutants:
<p>2.</p> <p><input type="checkbox"/> Permeable <input type="checkbox"/> Impermeable</p> <p><input type="checkbox"/> In shade <input type="checkbox"/> In sun</p>	<ul style="list-style-type: none"> • Temperature of surface: _____ • List any possible Pollutants:
<p>3.</p> <p><input type="checkbox"/> Permeable <input type="checkbox"/> Impermeable</p> <p><input type="checkbox"/> In shade <input type="checkbox"/> In sun</p>	<ul style="list-style-type: none"> • Temperature of surface: _____ • List any possible Pollutants:
<p>4.</p> <p><input type="checkbox"/> Permeable <input type="checkbox"/> Impermeable</p> <p><input type="checkbox"/> In shade <input type="checkbox"/> In sun</p>	<ul style="list-style-type: none"> • Temperature of surface: _____ • List any possible Pollutants:
<p>5.</p> <p><input type="checkbox"/> Permeable <input type="checkbox"/> Impermeable</p> <p><input type="checkbox"/> In shade <input type="checkbox"/> In sun</p>	<ul style="list-style-type: none"> • Temperature of surface: _____ • List any possible Pollutants:



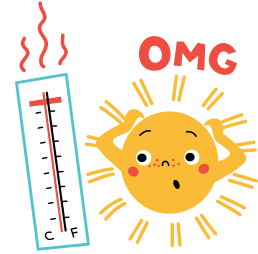
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WATER EDUCATION TODAY



REDUCING RUNOFF & HEAT



What surface did you find that was the hottest? Why do you think it was so hot? Can water soak down into this surface? Do you think this surface material adds more heat to our cities? Does it add more possible pollution?

What surface did you find that was the coolest? Why do you think it was cooler? Can water soak down into this surface? Do you think this surface material helps cool down our cities?

Now that you better understand how different surface materials affect storm runoff and can add heat to our environment, list some things you can teach your family or that you can do to help keep our cities cooler and to protect our water.

