

# handout

# City Heat Island



Exploring your world,  
one mission at a time  
[pbskids.org/plumlanding](http://pbskids.org/plumlanding)

## Sun vs. Shade on Pavement

Touch or measure the temperature of the two pavement areas.

Which is warmer? \_\_\_\_\_

Is the difference big or small? \_\_\_\_\_

If using a thermometer, record the temperature. \_\_\_\_\_



## Sun vs. Shade on Grass

Touch or measure the temperature of the two grass areas.

Which is warmer? \_\_\_\_\_

Is the difference big or small? \_\_\_\_\_

If using a thermometer, record the temperature. \_\_\_\_\_

## Human-made vs. Natural materials

Touch human-made and natural materials that are in the sun. List them in order, from hottest to coolest, on this paper.

### Examples of human-made materials:

Concrete or metal streetlight  
Chain-link fence  
Metal playground slide  
Plastic or rubber swing seat

### Examples of natural materials:

Tree trunk  
Hedges or bushes  
Wood chips  
Wooden bench



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