SCIENCE · LIGHT AND SHADOWS · GRADES 2–4

Transparent, Translucent or Opaque?

Sort nine materials by how much light gets through, then circle what makes a shadow.

Name: _____ **Date:** _____



Transparent: light goes right through and you can see clearly. **Translucent**: some light gets through, but things look blurry. **Opaque**: no light gets through.

Write each material in the right column.

a wooden door | a thin tissue | clear plastic wrap | wax paper | a brick wall | frosted glass | water in a glass | a book | a clear window

Transparent	Translucent	Opaque

Circle the answer.

A dark shadow forms when light is blocked by a — transparent / translucent / opaque

You can read a sign through a — transparent / translucent / opaque

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