

Activity 1

Because / But / So Complete each sentence three different ways.

Shadows change size because

.....

Shadows change size but

.....

Shadows change size so

.....

Activity 2

Fill in the blank with the correct word from the word box.

WORD BOX

opaque transparent translucent reflection shadow

1. A material that blocks all light is called _____.
2. A material that lets all light pass straight through is called _____.
3. A material that lets some light through but scatters it is called _____.
4. Light bouncing off a surface is called _____.
5. An area of darkness made when an object blocks light is called a _____.

Activity 3

Circle True or False for each statement.

1. **True / False** Light travels in straight lines.
 2. **True / False** A shadow can form without a light source.
 3. **True / False** The moon makes its own light.
 4. **True / False** Shadows are shortest at noon, when the sun is directly overhead.
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Activity 4

Combine the short sentences below into one smooth sentence.

1. · Opaque materials block light.
 · Wood and brick are opaque.

Combined sentence:

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2. · The moon does not make its own light.
 · It reflects light from the sun.

Combined sentence:

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