

My name is

My class is

Challenge 5: Light and Reflection

1. A **transparent** material is one which allows light to pass through with no distortion and is completely see through. A **translucent** material is one which allows some light to pass through but is not completely see through. An **opaque** material allows no light to pass through.

Classify these five materials by putting them in the correct column in the table below.

brick

frosted glass

wood

paper

clear plastic

TRANSPARENT	TRANSLUCENT	OPAQUE

2. When you look in a plane mirror light is **reflected** and any writing appears back to front. Carefully copy out this sentence on a piece of paper and then hold it in front of a plane mirror. Can you read what it says?

HAVE YOU COPIED
THIS STATEMENT
CORRECTLY?