

Year 1 Week 6 - Topic Task

LI: To test translucent, transparent and opaque materials

Key Vocabulary: source, brightness, shadow, opaque, translucent, transparent

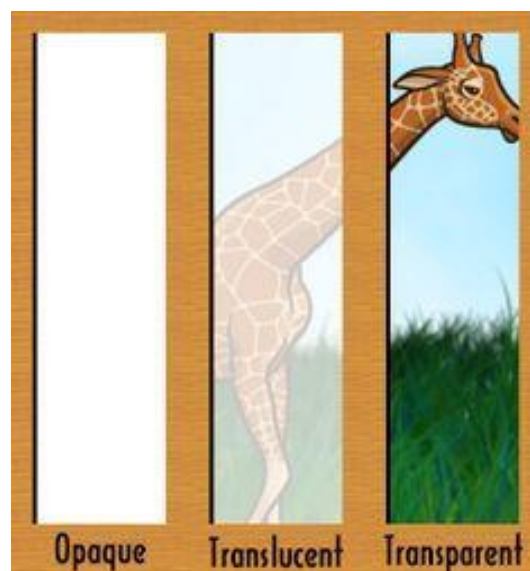
Watch the clip to recap light sources and introduce transparent and opaque materials.

<https://www.bbc.co.uk/bitesize/topics/z3hhvcw/articles/zp23r82>

Opaque materials - block the light and cast a shadow. You cannot see through them.

Translucent materials - block some light. You can see through them a little.

Transparent materials - allow light to pass through. You can see through them.



Test some objects from around your house to find out if they are opaque, translucent or transparent. Hold the object up to the light and try looking through it.

- Can you see through?
- Does it cast a shadow?

You could use:

- a torch (if you have one)
- the light from a lamp or phone
- the light from the window

Here are some ideas for objects to test:

- paper
- plastic bottle
- tinfoil
- a glass
- cling film
- tissue
- a plate
- cardboard
- clothes/fabric
- tissue
- a mug
- plastic bag

Create a table showing what you found out.

Opaque	Translucent	Transparent