

# SCIENCE

PROPERTIES OF MATERIALS

WEEK COMMENCING 23rd MARCH



## VOCABULARY

- Opaque** - something you can't see through
- Transparent** - something you can see through
- Rough** - something that feels bumpy
- Smooth** - something that does not feel bumpy
- Reflective** – will reflect light



## LEARN

- Read through the vocabulary – can you explain what they mean to someone in your home?



- Watch this video: <https://www.bbc.co.uk/bitesize/clips/z3mb9qt>
- Are you able to make a room in your home dark and find a torch (or a light on the back of a phone to experiment?)
- Can you find some items at home and see what shadows (if any) they cast- just like Seymour?



## YOUR TASK

Can you list 5 things that you experimented with to find a shadow?

**Challenge:** Can you pick one of the key words to describe them? i.e. mug - smooth

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Can you draw the item that cast the largest shadow?

**Challenge:** Can you draw the shadow as well?