



SINGING IN THE RAIN

Vocabulary

Object—a material thing that can be seen and touched

Material—the matter from which a thing can be made

Opaque—not able to see through

Transparent—able to see through

Translucent—allowing light but not detailed shapes to pass through



MATERIALS AND THEIR PROPERTIES

See if you can find a range of different objects at home and decide what material they are made out of.

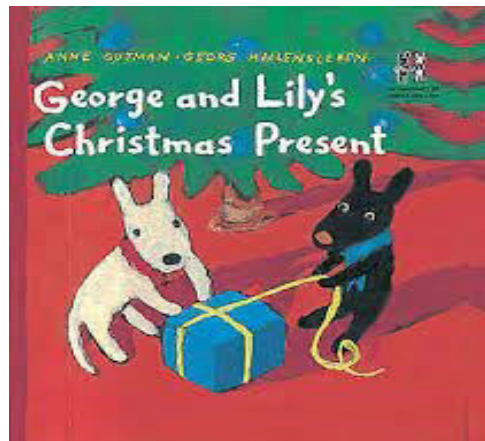
Wood Plastic

Glass Metal

Paper

Then see if they are transparent, flexible, rough, smooth, hard, opaque, waterproof, magnetic, absorbent.

How are the materials suited to the job they do?



We will find out what happens when George and Lily try to make a waterproof coat for their teacher using a shower curtain.

Designing and making a waterproof coat

What do you think we need to consider in our design?

What materials are waterproof?

Will you need to add a hood?

How will your coat fasten?

Does it need to look attractive?

How are you going to join the pieces together?

How do you make it so it fits?

Will it have pockets?

How could you make it warmer?