



Name: Form:

Based on pages 12 and 13 of *How we see things*

A surface survey

Try this...

1. Look at a range of objects in your classroom and perform the following tests.
 - A. Put your face in front of the object and see if you can see your reflection.
 - B. Shine a torch on the object and notice if it appears shiny or dull.
2. Record your results in this table. Write the name of the object. Put a tick if a reflection can be seen in the object or a cross if a reflection cannot be seen. Put a tick if the object appears shiny in torchlight or a cross if it appears dull.

Object	Reflection seen	Shiny in torch light

3. If an object soaks up a large amount of light it appears dark. If an object soaks up only a small amount of light it appears light. Look at the objects in your classroom and find five which soak up the most amount of light and five which soak up the least amount of light.

Objects which soak up the most light	Objects which soak up the least light

Looking at the results.

4. What do the results show?



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