

LO: To notice that light is reflected from surfaces
 SC: I can describe how objects reflect light.
 I can suggest why some object reflect more light than others
 WS: I can set up my own simple test
 I can make careful observations
 I can gather, record and present data using a table
 I explain what I have found out
 I can make predictions
 I can begin to draw simple conclusions
 I use relevant scientific language

Light is reflected from surfaces

We conducted an investigation to see which surfaces best reflected light.

First we predicted whether the items we were testing would be good at reflecting light

My prediction:

Item	Reflective	Not reflective
CD		
Foil - flat		
Foil scrunched up		
Coin		
White card		
Black card		
Metal spoon		

We then used a torch and a shininess tester to test each object.

Our results:

Item	No shine at all	Not very shiny	Shiny	Very shiny
CD				
Foil - flat				
Foil scrunched up				
Coin				
White card				
Black card				
Metal spoon				

Conclusion:

Challenge:

Can you write one reason why it might be important for materials to reflect light.
