	Science Experimen	nt for testing	g FRICTION	
What do I want to find out? How will I make it a fair test?		What equipment will I need? My Predictions. What I think will happen.		
	nat I found out.			

Science Experiment for testing Lubricants						
What do I want to	find out?	What equi	pment will I need?			
How will I make it a fair test?		My Predict	My Predictions. What I think will happen.			
Lubricants used	How many cubes?	2 nd try	How many cubes?			
Nothing Conclusion: What T						

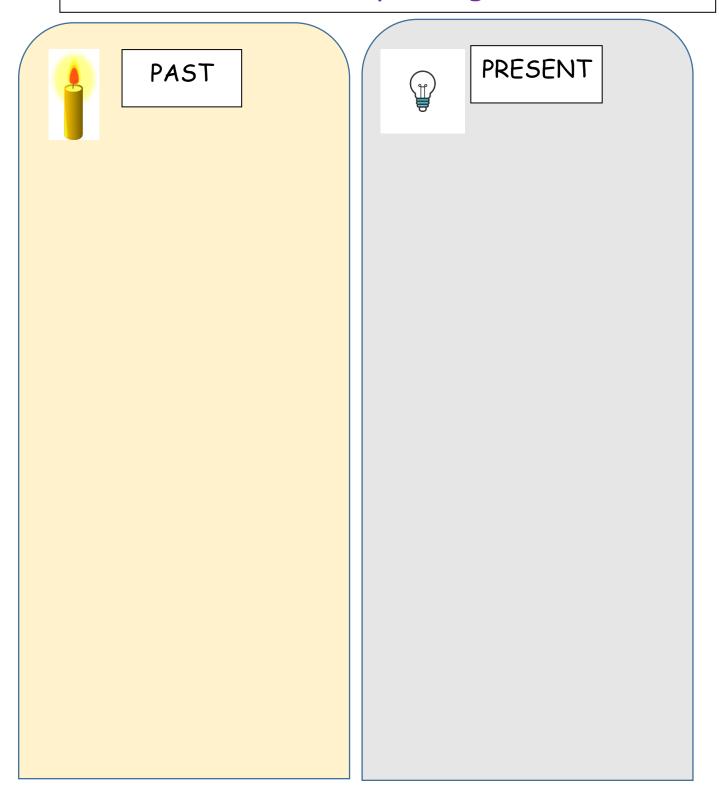
Conclusion: What I found out.

Can you answer the following questions?

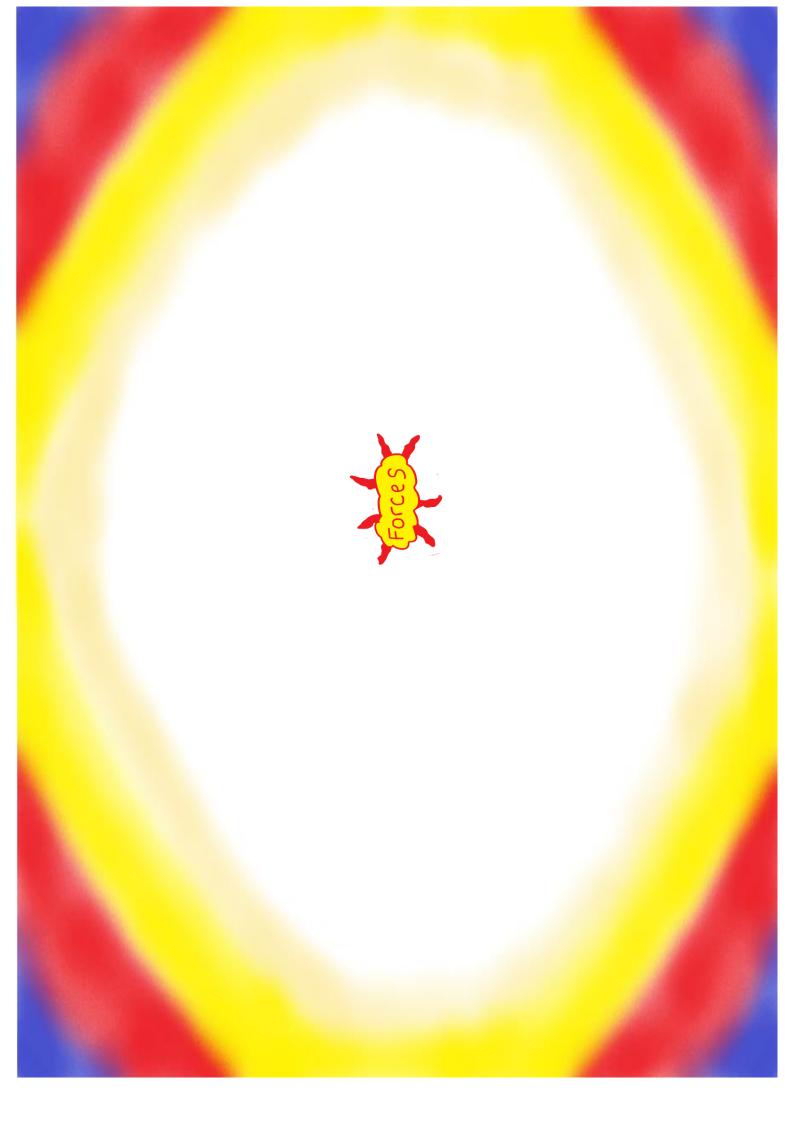
- 1. With which liquid was you able to transfer the most cubes?
- 2. With which liquid was she able to transfer the fewest cubes?
- B. Which liquid was the best lubricant (the slipperiest)? Which was the worst?

Cars, trucks, airplanes and machines all have parts that rub against one another. These parts would heat up, wear down and stop working if we didn't have lubricants.

How has electricity changed our lives?



How many more ways can you think of?



Electricity – Conductors and Insulators

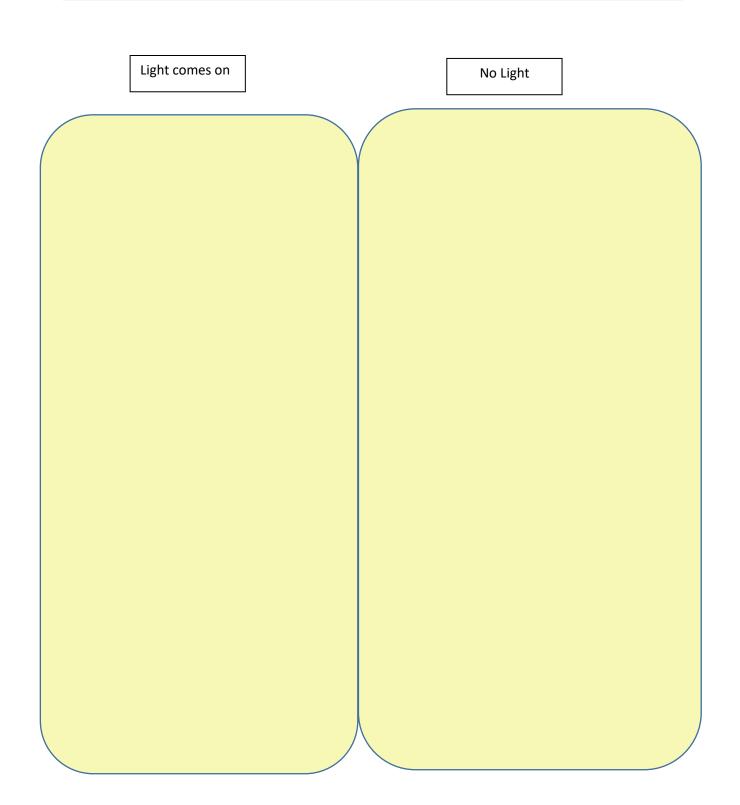
Investigate the following materials to see if they conduct or do not conduct electricity.

Record the list of objects side by side and then look for a common type of material.

Objects you might use

Cotton, a piece of wire, a plastic spoon, a piece of card, aluminium foil, a pair of scissors, an elastic band, a drinking straw, a piece of wood, a key, a strip of leather, some styro foam, a nail, a paper clip ...

Can you think of any other objects you might test?



gravity	air resistance	water resistance	
friction	surface	force	
effect	move	accelerate	
decelerate	stop	change direction	
brake	mechanism	pulley	
gear	spring	push and pull	