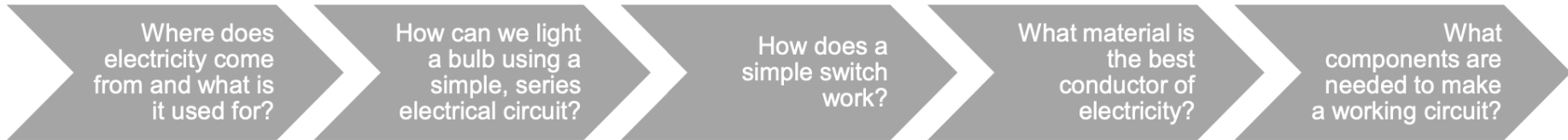


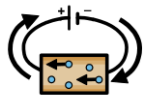


Year 4 Electricity knowledge map

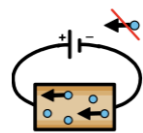


Where does the power come from?

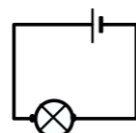
Mains Electricity		Batteries	
			
Where is it generated?	In large power stations far away (powered by gas, coal, oil, wind, or the sun).	Where is it generated?	Inside the battery itself using stored chemicals.
How does it travel?	Through overhead power lines and underground cables in the National Grid directly to our plug sockets.	How does it travel?	It travels directly from the battery into the appliance it is slotted into.
Best for:	Large appliances that need a lot of power and stay in one place.	Best for:	Smaller, portable devices we need to carry around.



electrical conductor



insulator



circuit



battery



fuse



pylon