





Topic:	Year 4	Title: Conductors and insulators
Electricity	Age 8-9	
Working Scientifically Focus		Conceptual Knowledge Focus
Review: Report on findings from		Recognise some common conductors and
enquires, including oral an		insulators, and associate metals with
explanations of results and		being good conductors.
conclusions		

## Example

Children were asked to construct a working circuit then test a range of items to see which would let electricity pass through. They were asked to report whether materials were conductors or insulators using their own table, diagram or written explanation. In this class children tested a range of items around the class and discussed as a class before writing their conclusions (hence the reference to paint).

Insulators 1 predict	and Condu	ctors 0807/15
Object	insulaters	-
Foil bowl Pencil case		
rubber vuler		
White board	~	

150	
Co	nelusion: Only the foil boll
(V)	or red Paint 45 a instillatorh
ec	auso only motor works
Pau	int is not made with metal,
Dye	tel is a conductor. Metel can
ras	S electricity through it.

Children meeting the objective would be able to use their results to sort materials into conductors and insulators, noting that metal objects conduct electricity.

Example from Shaw Primary School, Melksham