

**An investigation to determine the dye which is most efficient in Grätzel
solar cells**

For a class of 28 - 7 groups of 4

Each group will require the following items:

Items	Quantity	Check list
Uncoated glass plates	4	
TiO ₂ plates	4	
Pencil	1	
Four different dyes	-	
Mulimeter	1	
Petri dish	1	
Crocodile clips	2	
Iodide electrolyte	1	
Paper clips	4	
Tweezers	1	
100ml Beaker	1	
Hot plate	1	
Ruler	1	
Light source	1	
Stop watch	1	