

INDEPENDENT LEARNING PROJECT TASK SHEET

Subject: SCIENCE Y9	Project title: Electricity.
Project task: to design a battery that can be tested in school	

In your report:	
You should: <ul style="list-style-type: none"> • DESCRIBE your chosen design, a picture or diagram will be essential. • STATE whether it was successful. • EXPLAIN how your design would allow electricity to flow. 	You could: <ul style="list-style-type: none"> • JUDGE how your model compares with a real battery. • EVALUATE how your design could be improved. • COMPARE your design with a real battery.

Use the Learning Levels below to help you see what you should be aiming to achieve.

Learning Levels	
LL5	My report is <u>very detailed</u> . I have drawn and labelled a diagram of my model battery. I have included detailed scientific information <u>explaining</u> how my battery works. I have <u>evaluated</u> my model and have suggested improvements. I have <u>compared</u> my model with a real battery.
LL4	I have made a model battery. I have drawn and labelled my model, including explanations and details. I have <u>tested</u> my battery.
LL3	I have drawn a labelled diagram and described how my battery works. I have attempted to make a model and judge how it <u>compares</u> with a real battery.
LL2	I have included at least three paragraphs that <u>describe</u> how my battery works.
LL1	I have <u>stated</u> the parts of my battery model's design and <u>labelled</u> a diagram/picture of my battery.