**Lesson Plan**

Lesson Objectives

* To understand how Humphry Davy fits into the development of chemistry’s foundations
* To demonstrate knowledge of the applied use of electricity in Davy’s work
* To understand why the isolation of elements happened and their importance
* To identify the elements isolated by Davy

Lesson Materials

PowerPoint, Davy Notebook Handout, Video link <<https://www.youtube.com/watch?v=nqVFQpEM5p4>>

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| Timings | Activity |
| Starter (5 mins) | Fill in the blanks worksheet with the picture of the notebook to transcribe while unpacking and settling down OR trying to transcribe as a class together (very hard writing to understand) |
| Introduction (15 mins) | Show Brian Cox video of Davy (if wanted as a very brief and full of tangents – 6 mins and about iodine but stop at 5.30) then go through PowerPoint and explain why the first notebook page was important in the overall knowledge of HD – his contributions to the advancement of chemistry with the isolation of elements  Explain the experiment involved in the isolation of potassium (Notebook page) and why the introduction of electricity was important with the advancement of chemistry |
| Pair WOrk  (30 Mins) | Answer the first lot of questions on the handout together and then discuss with the class |
| INdividual Task (5 mins – into next lesson or H/W) | Hand out paper OR prepare a blank page in an exercise book for the designing of a front page for the notebooks. Explain the task and maybe start of there is time.  Unless the classroom has access to computers and there is still time to go further into the activity, it will have to be a h/w task (but it is a good research task with a creative element) |