



**Lesson Development**

**UNIT J**  
**Sub Unit J4**  
Electromagnets

**Group:** 2C

**Location:** physics Lab

**Date/Time:** 14h30 to 15h40 / 29<sup>th</sup> November

<b>Timing (minutes)</b>	<b>Teacher Activity</b>	<b>Pupil Activity</b>	<b>Resources</b>	<b>Assessment Items</b> What will I use to measure the pupils learning?
0-5m	<ul style="list-style-type: none"> <li>- Standing in the entrance supervising line up.</li> <li>- register</li> <li>- instructions for arrival/starter activity</li> </ul>	<p style="text-align: center;">-</p> <p>-Pupils will know again about assessment inside the classroom with sanctions and rewards.</p>	<p style="text-align: center;">-</p> <p>- Flip Chart and felt tips.</p>	<p style="text-align: center;">-</p> <p>-I will carry on with assessment during the lesson time as a way to motivate a positive competition and to stop with bad behaviour.</p>
5m	Positive words about the last homework.	Pupils will know about general homework marks.	-	-



2m	Lesson overview: - Share the learning objectives and learning outcomes.	-Answer interactive and opening questions about the lesson topic.	- computer - board - power point	-
5m	Starter Activity  - Watch into a science video.	Pupils will listen and pay attention to a short video about how can electricity make an electromagnet?	- white board - computer	-
20m	Activity 1  - Introducing the new topic main ideas.	Pupils will watch the screen and pay attention to the teacher. Class notes at the end.	- exercise book - white board	-
10m	Activity 2  - Practical activity making an electromagnet.	- Pupils will hear teacher instructions and work in groups to make a simple electromagnet.	- board - exercise book - lab material (attach in risk assessment)	-Pupils will work in groups and the teacher will have the possibility to help children with more difficulties to understand the unit as to make a brief review of the lesson.
5m	Homework	Pupils need to answer a revise worksheet about unit I (Heating and Cooling).	-worksheet -exercise book if necessary	-Teacher will mark the homework.

PGCE secondary in Science



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