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| **What will we be learning?**  Magnetism - TRIPLE | **Why this? Why now?**  Waves  Electricity 1 & 2  AQA Physics | **Key Words:**  Make sure you know the definitions of these keywords and use them in your answers.  Pole  Attract / repel  Induce  Magnetic flux density  Solenoid  Electromagnet  Motor Effect  Electromagnetic induction  Transformer  Flemming’s Left Hand Rule  Relay  Generator Effect  Alternator  Dynamo |
| **What will we learn?**  F = BIl Force = magnetic flux density x current x length      (Equations are given on the formulae sheet)  Common Misconceptions: All metals are magnetic | |
| **What opportunities are there for wider study?**  Mechanical Engineer Sound engineer Electronic Engineer  Electrical engineer  Energy Provider Specialist Environmental Design | |
| **How will I be assessed?**  Deep Marking Task Title for this unit: Moving coil sound devices  Required Practical(s) for this unit: None | |