

Motors, Generators, Electromagnets

Relationship between magnetic fields and electrical currents:





Glue this side into your notebook



Electromagnet
What is it?

Draw a sketch, including the field model:

How are they used?

	Electric motor	Generator
What is this? Why would we use one?		
How does energy transfer using it?	<p>_____ energy</p> <p>converts to</p> <p>_____ energy</p> 	<p>_____ energy</p> <p>converts to</p> <p>_____ energy</p> 
How are <u>magnetism</u> and <u>electricity</u> used to make them work?		
Give some examples <i>(sketch if it helps!)</i>		