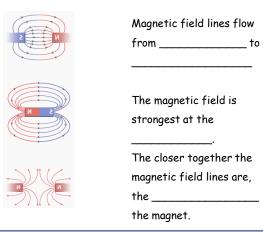
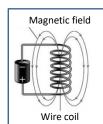
S N N S	
S N S N	
N S S N	

Some materials are attracted to magnets, for example _____ and ____.
Only a magnet can ____ another magnet.
This is the test to find out if a material is a magnet.

materials like i, s, c and n
Magnets have 2 p a n and a s
If two magnets are put together the poles that are the
same will r each other. If two magnets are put
together the poles that are different will a
each other.

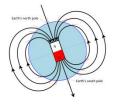
Magnetism is a f____ that acts only between magnetic



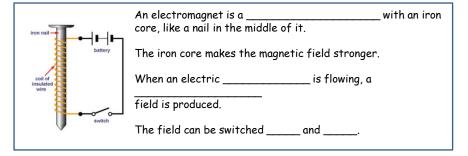


A solenoid

A solenoid is a coil of
______ that acts like a
magnet when a flow of
_____ passes through
it.



Magnets and Electromagnets



Ways to increase the strength of an electromagnet are	
1	
2	
3	
4	

Experiment to show how increasing the number of coils on an electromagnet can make it pick up more paper clips.
Independent variable
Dependent variable
Control variables
Conclusion
Other variables we could have tested
Electromagnets are useful because