Magnetism – Student sheet

Experiment 1: Magnet Properties

		Attract -
		Repel -
2.	W	hich objects were attracted to the magnet?
3.	W	hich objects were not attracted to the magnet?
4.	Is	everything that contains iron attracted to a magnet? Explain.
		id the objects respond as strongly to the magnet as to the netite? Explain.
Experiment 2: Finding the North Poles of Your Magnets 1. Explain why we call one end of a magnet the North Pole.		

2. Describe what your magnet did when you dangled it from the

thread.

1. Describe how it feels when magnets attract and repel each other.

3. Explain what happens when you put the two North or the two South poles near each other.		
4. Explain what happens when you put one North Pole and one South Pole near each other.		
Experiment 3: Magnetic Fields of Permanent Magnets		
1. Draw the pattern the iron filings made when the poles of the magnets attracted each other. Label the poles of your magnets on your drawing.		
2. Draw the pattern the iron filings made when the poles of the magnets repelled each other. Label the poles of your magnets on your drawing.		