ELECTROMAGNETS



Name	Date
When Charles Faraday connected a coil of wire to a battery and thought he would find, but his discoveries helped us learn abou and led to inventions like the motor and the telegraph.	
What does your electromagnet make you curious about? How conget it to do?	an you make it behave differently? What can you
Investigation 1:	
What makes the mgnet hanging from the pole move? Is it the more both?	agnet inside the coil of wire, the current in the wire,
What I did: (Diagrams)	
Explanation	
My conclusion: (What is the answer to the question?)	

Student	Worksheet	n 2	rev :	7.5.08

Inv	estig	atıc	n 2:

Some of the first telegraphs worked by completing a circuit to move a magnet – at a distance of many miles. Can you make someone else's magnets move by completing your circuit and 'sending a message?'

Work with two or three other students. Can you put your electromagnets together so that completing one circuit makes everyone's magnets move? Can you move the magnet of someone that is two feet away from you? Three feet? Farther?

What we did: (Diagrams)
Explanation
My conclusion: (What is the answer to the question?)

Student Worksheet p 3 rev 7.5.08				
My Investigation: (something you are curious about or want to try to do)				
My Question:				
What I did: (Diagrams)				
Explanation				
My conclusion: (what is the answer to the question?)				