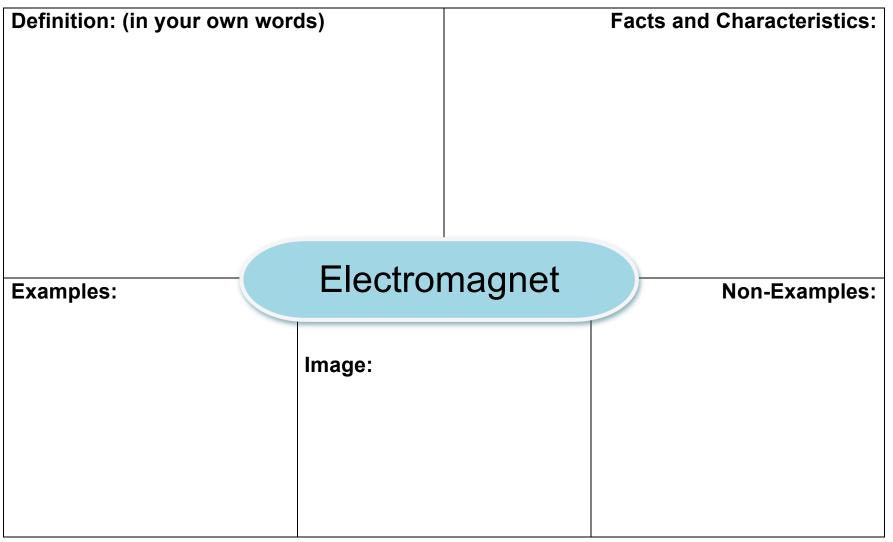


Exceptional Electromagnets Part 2- Frayer Model





Exceptional Electromagnets Part 2- Frayer Model (teacher solutions)

Definition: (in your own words)		Facts and Characteristics:	
 Student answers will vary but should include words like: Magnetic field Wire Conductor Electric current Circuit 		 Answers may vary but will likely include: Coiled wire Iron core (nail) Battery or other power source Usually a series circuit Magnetic field Can be turned on and off by breaking the circuit Students may want to speculate about the number of coils, strength of battery, etc. Allow them to speculate but don't give any answers. 	
Examples:	Electro	magnet	Non-Examples:
 Electric bell Computer hard drive Crane Magnet Loudspeaker Electric motor MRI machine The earth! Etc. 	Image: Students should sketc made in the previous Electromagnets Part	· •	 Answers will vary but may include: Bar magnet Rare earth magnet Fridge magnet Open circuit