Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_\_\_\_\_

**Station 6: Magnetic Scavenger Hunt**

**Content Objective:** Students will discover facts about magnets and magnetism

**Writing Language Objective:** Students will use clues to find the answers to their magnetism questions.

**Essential Question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Part 1 directions:** Below you have 13 questions. Answer the questions with your table partner and table groups in pen. Write your answers where it says “Your answer”. It is okay to take guesses on these questions, but I do not want to see “I don’t know” or blank spaces.

**Fact Card 1:** Which parts of a magnet have the strongest pull?

Your answer- Fact Card Answer-

**Fact Card 2:** A train that uses magnets to float above the track is called...

Your answer- Fact Card Answer-

**Fact Card 3**: What type of magnet is made from a coil of wire, wrapped around a piece of metal?

Your answer- Fact Card Answer-

**Fact 4 (No Card):** Define Magnet

Your answer- Fact Card Answer-

**Fact 5 (No Card):** Define Magnetic Field

Your answer- Fact Card Answer-

**Fact Card 6:** Can magnetic fields be seen by the human eye?

Your answer- Fact Card Answer-

**Fact Card 7:** Name two metals that are not attracted to magnets.

Your answer- Fact Card Answer-

**Fact Card 8:** What two metals most likely make up the core of the earth?

Your answer- Fact Card Answer-

**Fact Card 9:** What is a compass?

Your answer- Fact Card Answer-

**Fact Card 10:** Name three things that you can do to a magnet to weaken it's magnetic force.

Your answer- Fact Card Answer-

**Fact Card 11:** What does an MRI machine do?

Your answer- Fact Card Answer-

**Fact Card 12:** What type of magnet can repel sharks?

Your answer- Fact Card Answer-

**Fact 13 (No Card):** Define Electromagnetism

Your answer- Fact Card Answer-

**Fact 14(No Card)**: What is the Magnetic Light Show

Your answer- Fact Card Answer-

**Fact 15(No Card):** Who is Faraday and what did he do?

Your answer- Fact Card Answer-

**Fact Card 16:** The word magnet in ancient Greek meant...

Your answer- Fact Card Answer-

**Fact Card 17:** Name three places where magnets were used in ancient times.

Your answer- Fact Card Answer-

**Fact Card 18:** Temporary magnets lose their magnetism when...

Your answer- Fact Card Answer-

**Part 2:** Ask Ms. Murphy for the Fact Card Scavenger Hunt Clues. Use the Clues to find the fact card Answers. They are hidden around the classroom and the clues will help you find them. Write the Fact Card Answer in a different color than what you wrote “your answer” in.

Purple

**Part 3 Extra Credit:** Complete a mini research project on one of the facts. Select a fact that you find the most interesting and write a 5-7 sentence paragraph summary about the research you found on the topic. Include at least one piece of textual evidence. Also include a detailed, colored and labeled illustration of your topic. ☺(20 points)