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:** Below you have 13 questions. Answer the questions with your table partner and table groups in pen.

**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 use them.

**Part 3:** As extra credit you can do a mini research project on one of the facts. Select a fact that you find the most interesting and write a 7-10 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. ☺

Fact Card 1: Fact Card 2:

The two end; North and South Poles Maglev Train

Fact Card 3: Fact Card 6:

Electromagnet No

Fact Card 7: Fact Card 8:

Copper and Aluminum Iron and Nickel

Fact Card 9: Fact Card 10:

An Instrument with a magnetic pointer Drop it. Hammer it. Heat it up.

That points to the magnetic north pole

Of the Earth

Fact Card 11: Fact Card 12:

It uses magnets to make pictures of the Neodynmium Magnets

Insides of people’s bodies

Fact Card 16: Fact Card 17:

Stone from Magnesia China, India, Greece

Fact Card 18:

They are not near other magnets

**Fact Card Scavenger Hunt Clues**

Fact Card 1: Travel to the North Pole!

Fact Card 2: I am lost and I haven’t been found!

Fact Card 3: What do blue and yellow make?

Fact Card 4, 5, and 13: Look it up!

Fact Card 6: Ms. Murphy

Fact Card 7: USA! USA!

Fact Card 8: Need to make a calculation?

Fact Card 9: Travel to the South Pole!

Fact Card 10: Classroom Expectations…

Fact Card 11: Do you need to find the ma\*\*

Fact Card 12: Green and Blue make?

Fact Card 14: I am blue, purple and very pretty. 40+6

Fact Card 15: You may use me as a resource 9x 6

Fact Card 16: You probably could use a crayon. I like to eat strawberries.

Fact Card 17: I am in Ms. Murphy’s first hour of the day and I am graded.

Fact Card 18: You always want to use me instead of a textbook…