**Ponder (E&M) in Portage County or Flash-Back Knowledge with Mr. Flasch**

**What do you know currently about magnetism – insights – flashbacks:**

1. **What does E&M mean?**
2. **Why are they always put together?**
3. **What is Electromagnetic Radiation? Name six of them? What do they have in common? How are they different?**

**Electromagnetic Radiation is**

1. **2. 3. 4. 5. 6.**

**What the above have in common is**

**How the above differ is**

1. **What is ironic about that fact that this unit is almost entirely conceptual?**
2. **What causes a natural magnet to be a magnetic?**
3. **What is a magnetic domain?**
4. **One can have an object positively or negatively charged but can one have just a north pole or just a south pole?**
5. **Of the four fundamental forces how are gravity and E&M different from the strong and weak forces?**

**Which is a stronger force, gravity or E&M?**

**Why doesn’t E&M work over long distances but gravity does?**

1. **Name six places one can find a magnet outside of school:**

**1. 2. 3. 4. 5. 6.**