Lesson 8: Lesson Question: *What factors affect the strength of (static) electric and magnetic forces?*

A. What activity did we do?	• explored electric & magnetic forces through a stations lab.
B. What evidence did we gather?	1. opposites attract; likes repel 2. greater distance = weak force closer distance = strong force 3. stronger magnet = strong force more charge build up = strong force.
C. My answer to the lesson question:	• As the "size" or strength of the magnet or charge gets bigger, so does force. • As distance b/w objects increases, the force decreases. • Both forces can repel (push away) or attract (pull together) certain objects.
D. Connecting my ideas to the Unit Challenge:	N/A • we learned about electric & magnetic forces. We know this is somehow related to our generator activities. We need to figure out how these 2 forces interact to figure out how our electromagnetic generator works.