PROBE: Magnetic Personality? Hhhhhhhhhhhhhhhhhhhhhhh**Magnet producing electricity**

***Read each description below, and decide if the statement is true or false.***

| Description/Statement | True | False |
| --- | --- | --- |
| Magnets and magnetic materials are the same thing. |  |  |
| Magnets can “work” in a gas, liquid, or a solid. |  |  |
| Air is necessary for a magnet to work. |  |  |
| Chemicals are used to make magnets. |  |  |
| Magnetism is a type of gravity. |  |  |
| All metals are attracted to magnets. |  |  |
| The Earth has iron in its core, so the Earth has its own magnetic field. |  |  |
| Objects stick to magnets. |  |  |
| Big magnets are stronger than smaller ones. |  |  |
| Smaller magnets are stronger than bigger ones. |  |  |
| Magnets need electricity to work. |  |  |

***Check off the items below that are attracted to magnets.***

\_\_\_\_ iron \_\_\_\_ aluminum foil \_\_\_\_ copper \_\_\_\_ scissors \_\_\_\_ gold \_\_\_\_ steel

\_\_\_\_ penny \_\_\_\_ rubber band \_\_\_\_ dime \_\_\_\_ quarter \_\_\_\_ crayon \_\_\_\_ pencil

\_\_\_\_ paper \_\_\_\_ soda can \_\_\_\_ eraser \_\_\_\_ glass \_\_\_\_ screw \_\_\_\_ nut/bolt

\_\_\_\_ nickel \_\_\_\_ paper clip \_\_\_\_ plastic \_\_\_\_ cork \_\_\_\_ wood \_\_\_\_ silverware

\_\_\_\_ jewelry \_\_\_\_ television \_\_\_\_ mirror \_\_\_\_ keys \_\_\_\_ nail \_\_\_\_ silver

***Discuss your ideas about magnets with your partner(s). Explain your thinking about how magnets work*.** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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