

Magnetic Force Through Materials

Section 3, Session 2: Testing Distance

Name: _____

Date: _____

Test if magnetic force works through different materials.

| Material Tested | Did Magnet Work? (Yes/No) | Notes / Observations |
|-----------------|------------------------------|----------------------|
| 1 sheet paper | | |
| 5 sheets paper | | |
| 10 sheets paper | | |
| Cardboard | | |
| Plastic folder | | |
| Wood block | | |
| Aluminum foil | | |
| | | |
| | | |
| | | |
| | | |

Conclusions:

Does magnetic force work through non-magnetic materials? _____

What happens when materials get thicker? _____

Maximum thickness magnetic force worked through: _____