Research

Research question: Why are some metal objects magnetic and others not?

1. What is the difference between a magnetic material and a non-magnetic material?

Magnetic:

Non-magnetic:

2. Magnetic or not? Tick ✓ the correct box for each metal:

Metal	Magnetic	Non-magnetic
iron	☐	☐
steel	☐	☐
nickel	☐	☐
cobalt	☐	☐
aluminium	☐	☐
copper	☐	☐
gold	☐	☐
silver	☐	☐

3. What do magnetic metals have in common?

4. Why aren't all metals magnetic?

5. List two objects that are magnetic and two that are not:

Magnetic:

1.
2.

Non-magnetic:

1.
2.

6. In your own words, answer the research question: **Why are some metal objects magnetic and others not?**