# Nova’s Magnetic Discovery Flashcards

*Learning objective: To identify, describe and understand how magnets attract and repel objects and recognize that some materials are magnetic.*

Use these flashcards to test your knowledge about magnets. Read the question on the front, think of your answer, and then check the back to see if you are correct!

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| **What does it mean when two magnets 'attract'?** | It means the magnets pull towards each other. |
| **What does it mean when two magnets 'repel'?** | It means the magnets push away from each other. |
| **What are the two ends of a magnet called?** | The North Pole and the South Pole. |
| **True or False: All metals are magnetic.** | False. Only certain metals, like iron and steel, are magnetic. |
| **What happens if you bring two North Poles together?** | They will repel (push each other away). |
| **What is a 'force'?** | A push or a pull. |
| **If a material is 'magnetic', what does that mean?** | It means the material is attracted to a magnet. |
| **Is plastic magnetic?** | No, plastic is a non-magnetic material. |
| **Which metal is the most common magnetic material found in everyday objects?** | Iron. |
| **What happens if you bring a North Pole and a South Pole together?** | They will attract (pull towards each other). |
| **Can a magnet work through a piece of paper?** | Yes, the magnetic force can pass through thin materials like paper or wood. |
| **Nova wants to pick up a paperclip. Does she need a magnet or a plastic spoon?** | She needs a magnet because paperclips are usually made of steel, which is magnetic. |