

# Nova's Magnet Investigation

*Learning objective: To identify magnetic and non-magnetic materials through a simple experiment.*

Hello! Nova the owl is investigating magnets. Follow these steps to test your objects. 1. Pick three objects from your desk. 2. Predict if they will stick to your magnet. 3. Use your magnet to test your prediction. 4. Write down what happened.

*Word bank: magnet · attract · repel · metal · plastic · wood · prediction · result*

**1. My First Object: What is the object? Do you think it will stick to the magnet? Write your prediction here. (2 marks)**

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**2. The Result: Did the object stick to the magnet? Was your prediction correct? Use the word 'attract' or 'not magnetic'. (2 marks)**

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**3. My Second Object: What is the object? Do you think it will stick to the magnet? Write your prediction here. (2 marks)**

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**4. The Result: Did the object stick to the magnet? Was your prediction correct? Use the word 'attract' or 'not magnetic'. (2 marks)**

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**5. Conclusion: Which materials were magnetic? (Hint: were they made of metal?) (2 marks)**

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*Extension challenge: Nova wants to know if magnets work through paper. Place a piece of paper between your magnet and a paperclip. Does it still attract? Write a sentence about what you found.*