

Lab 5: Magnetic Force, Part One

When you hold two magnets close to one another, they feel either an attractive or a repulsive force between them, depending on their orientation. It appears that the magnitude of this force depends on the distance between the two magnets. But how?



Question: How does the force between two magnets change if you change the distance between them?

Pre-lab Discussion	Whole Class	10 minutes
Planning the Experiment	Groups of 4	20 minutes
Data Collecting	Groups of 4	20 minutes
Class Discussion	Whole Class	20 minutes
More Data Collecting	Groups of 4	30 minutes
Writing the Report	Groups of 4	10 minutes