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| DEPARTMENT: SCIENCE | UNIT TITLE: MAGNETS |
| GRADE: 1 | |

| SECTION | LENGTH | CONTENT | SKILLS | METHODS OF ASSESSMENT | FRAMEWORK STRAND(S) & STANDARD(S) PreK–2 |
|------------------------------------|---------------|---|---|--|---|
| Magnetic Materials: Classification | 2 lessons | <ul style="list-style-type: none"> Some metals are magnetic. | <ul style="list-style-type: none"> Sort and classify objects. Make careful observations. Record observations using words and pictures. Discuss observations with others. Organize data on graphs and charts. | Teacher observation sheets Embedded assessments Student products | PS 1. |
| Magnetic Force: Inquiry | 5 lessons | <ul style="list-style-type: none"> The strength a magnet can be measured by how much metal it attracts. Magnets work over a distance. Magnets have a north and a south pole. North poles repel; south poles repel; north and south poles attract. | <ul style="list-style-type: none"> Ask questions about objects, organisms, and events in the environment. Tell about <i>why and what would happen if?</i> Make predictions based on observed patterns. Name and use simple equipment and tools (e.g., rulers, meter sticks, thermometers, hand lenses, and balances) to gather data and extend the senses. Record observations and data with pictures, numbers, or written statements. | Teacher observation sheets Embedded assessments Student products | PS 1., 3., 4., 5 |
| Using Magnets: Technology | 4 lessons | <ul style="list-style-type: none"> Things can move in different ways, including straight, zigzag, round-and-round, and back-and-forth. | <ul style="list-style-type: none"> Name and use simple equipment and tools to make things. | Teacher observation sheets Embedded assessments Student products | PS 3., 4., 5 T/E 1.1, 1.2, 1.3 |