

Science 3 – 5 for use with NGSS 2013:

Physical Science: Motion and Stability: Forces and Interactions

Magnetism and Electromagnetism

Students	Learning Continuum Statements:
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| Students: | RIT 171-180: <ul style="list-style-type: none">• Applies knowledge of magnets to solve problems• Analyzes and interprets data to infer that materials contain iron, based on magnetic attraction |
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| Students: | RIT 181-190: <ul style="list-style-type: none">• Applies knowledge of magnets to solve problems• Analyzes and interprets data to infer that materials contain iron, based on magnetic attraction |
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| Students: | RIT 191-200: <ul style="list-style-type: none">• Determines objects are magnets from observations• Applies knowledge of magnets to solve problems• Analyzes and interprets data to infer that materials contain iron, based on magnetic attraction |
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| Students: | RIT 201-210: <ul style="list-style-type: none">• Applies knowledge of magnets to solve problems• Infers questions being investigated about magnetic attraction• Describes how to determine polarities of magnets• Applies scientific ideas to explain phenomena involving magnetic interactions• Determines which design problems can be solved using magnets• Analyzes and interprets data to infer that materials contain iron, based on magnetic attraction• Analyzes and interprets data to infer relationships between magnetic forces and distances |
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| Students: | RIT 211-220: <ul style="list-style-type: none">• Asks scientific questions about the causes of phenomena involving magnets• Analyzes and interprets data to infer relationships between magnetic forces and distances |
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| Students: | RIT 221-230: <ul style="list-style-type: none">• Analyzes and interprets data to infer relationships between magnetic forces and distances |
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