

Science 3 – 5 for use with NGSS 2013:

Physical Science: Motion and Stability: Forces and Interactions

Effects of Force on Motion

Students	Learning Continuum Statements:
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Students:

RIT 161-170:

- Recognizes causes of motion

Students:

RIT 171-180:

- Describes the effects of forces on motions of objects
- Recognizes causes of motion

Students:

RIT 181-190:

- Describes the effects of forces on motions of objects
- Recognizes causes of motion
- Predicts the effects of forces on motions of objects

Students:

RIT 191-200:

- Describes evidence that forces have affected objects
- Describes how to change motions of objects
- Describes how forces acting on an object determine the motion of the object, using force diagrams
- Analyzes and interprets data to compare solutions to design problems involving motion

Students:

RIT 201-210:

- Defines design problems about the motion of objects and the forces affecting that motion
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