## State Standard for General Education

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<th>State Standard for General Education</th>
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| MS-PS2-2 | Plan an investigation to provide evidence that the change in an object’s motion depends on the sum of the forces on the object and the mass of the object | EE.MS-PS2-2 Investigate and predict the change in motion of objects based on the forces acting on those objects | Initial:  
- Identify ways to change the movement of an object (e.g., faster, slower, stop)  

Precursor:  
- Investigate and identify ways to change the motion of an object (e.g., change an incline’s slope to make an object go slower, faster, farther)  

Target:  
- Investigate and predict the change in motion of objects based on the forces acting on those objects |

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A diagram showing the relationship of linkage levels in the mini-map appears below.

Key to map codes in upper right corner of linkage level boxes:

- I Initial
- P Precursor
- T Target
Investigate and predict the change in motion of objects based on the forces acting on those objects.

Sci-33
Identify ways to change the movement of an object (e.g., faster, slower, stop).

Sci-32
Investigate and identify ways to change the motion of an object.

Sci-31
Investigate and predict the change in motion of objects based on the forces.