

### 5<sup>th</sup> Grade Learning Progression Scales

<b>Learning Goal:</b>	<b>Investigate and describe that the greater the force applied to it, the greater the change in motion of a given object.</b>	
<b>Standard(s):</b>	<b>SC.5.P.13.2</b>	
<b>Scale</b>		<b>Sample Progress Monitoring Assessment Activities</b>
4.0	In addition to 3.0, in-depth inferences and applications that go beyond what was taught the student is able to: I can develop an investigation to test levels of force on an object in motion. I can then explain the changes in motion.	Students are able to design an investigation to test and explain the changes in an objects motion based on the level of force applied.
3.0 Target	The student understands and is able to: I can investigate and describe that greater force on an object means greater change in the objects motion.  The student exhibits no major errors or omissions.	Students will investigate and test different levels of force on an object. Students will be able to explain the effect of different levels of force on an object.
2.0	There are no major errors or omission regarding the simpler details and processes; however, the student exhibits major errors or omissions regarding the more complex ideas and processes, Can investigate forces on an object in motion.  The student is able to:	Students will match objects in motion to the force acting on the objects.
1.0	With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes the student is able to: With help I can describe that a force on an object will change the objects motion.	Students will recognize a change in an objects motion and connect it to the force that is acting on the object.