

**Forces** ■ Chapter Project

**Scoring Rubric**



**Newton Scooters**

In evaluating how well you complete the Chapter Project, your teacher will judge your work in four categories. In each, a 4 is the best rating.

	4	3	2	1
<b>Planning</b>	Student thoroughly considers the forces that would affect the vehicle. Sketch of the vehicle is useful and includes measurements.	Student adequately considers the forces that would affect the vehicle. Sketch of the vehicle is useful.	Student considers some of the forces that would affect the vehicle. Sketch of the vehicle is rough.	Student minimally considers the forces that would affect the vehicle. Sketch of the vehicle not made.
<b>Vehicle Building</b>	Student follows all Project Rules, and work shows evidence of having thoroughly tested and modified the vehicle.	Student follows most of the Project Rules, and work shows evidence of having adequately tested and modified the vehicle.	Student follows some of the Project Rules, and work shows evidence of having tested or modified the vehicle.	Student did not follow many of the Project Rules, and work shows little evidence of having tested or modified the vehicle.
<b>Project Presentation</b>	Presentation is thorough and well organized. Student communicates all appropriate features of the vehicle.	Presentation is adequate. Student communicates most of the appropriate features of the vehicle.	Presentation is appropriate but is hard to follow. Student communicates some of the features of the vehicle.	Presentation is inappropriate and hard to follow. Student communicates a few features of the vehicle.
<b>Group Participation</b>	Student takes a lead in group discussions.	Student participates in all aspects of group discussions.	Student participates in some aspects of group discussions.	Student minimally participates in group discussions.