

# GVC 4- MOTION

Write your score for form A below. If you did not pass (80% or higher), then you must take Form B. If you do not pass form B, then you must take Form C. If you do not pass Form C, see your teacher.

<i>GVC- Students will understand the relationships among energy, force, and motion.</i>				
<b>MASTERY QUIZZES</b>	<b>Learning Targets</b>	<b>Form a</b>	<b>Form b</b>	<b>Form c</b>
4.1 a,b Waves	I CAN relate the energy of a wave to wavelength and compare the transfer of energy through various mediums.			
4.1 c,d,e Heat, Light, Sound	I CAN describe how energy Spreads from its source, compare the transfer of heat, and demonstrate how white light is separated into colors.			
4.4 a,b,c,d,e Energy	I CAN convert potential and Kinetic and other types of energy, and cite examples of organisms sensing energy. I can also show how organisms respond to energy changes, and technological advancements.			
4.2 a,b,c	I CAN distinguish between mass and weight, and explain how mass and distance affect gravity	Rube Goldberg Project and Motion Final		
4.2 d,e	I CAN engineer structures to support a load, and engineer a machine that uses gravity to accomplish a task.			
4.3 a,b	I CAN calculate mechanical advantage, engineer a device that uses simple machines to create a mechanical advantage			
4.3 c,d,e	I CAN engineer a device that uses friction to control its motion and engineer a complex machine for a specific task.			