

Contact and Non-Contact Forces		Grade 3: Forces Causing Movement	
Curriculum Connections	Topic	Matter and Energy	
	Fundamental Concepts	Energy	
Description In this lesson, students will learn about contact and non-contact forces by building a toy car and moving it with different forces.			
Big Ideas Forces cause objects to speed up, slow down, or change direction through direct contact or through interaction at a distance.	Overall Expectations 2. investigate devices that use forces to create controlled movement		
Specific Expectations 2.2 investigate forces that cause an object to start moving, stop moving, or change direction 2.3 conduct investigations to determine the effects of increasing or decreasing the amount of force applied to an object 2.4 use technological problem-solving skills and knowledge acquired from previous investigations, to design and build devices that use forces to create controlled movement			