



KINDERGARTEN SCIENCE	
Cardinal Newman Standards: Catholic Identity Integration	
<ul style="list-style-type: none"> <li>• <b>CS.S.K6.G3:</b> Value the human body as the temple of the Holy Spirit. (NGSS.K.LS1.1; ESS2.2; ESS3.1; ESS3.3)</li> <li>• <b>CS.S.K6.IS6:</b> Describe God’s relationship with man and nature. (NGSS.K.PS2.1; PS3.1; PS3.2; LS1.1; ESS2.1; ESS2.2; ESS3.1; ESS3.3)</li> <li>• <b>CS.S.K6.DS3:</b> Accept the premise that nature should not be manipulated simply at man’s will or only viewed as a thing to be used, but that man must cooperate with God’s plan for himself and for nature. (NGSS.K.PS2.1; PS2.2; PS3.2; LS1.1; ESS2.1; ESS3.2; ESS3.3; ETS1.1)</li> </ul>	
Priority Skills	Supporting Skills
<ul style="list-style-type: none"> <li>• Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object.</li> <li>• Use observations to describe patterns of what plants and animals (including humans) need to survive.</li> <li>• Construct an argument supported by evidence for how plants and animals (including humans) can change the environment to meet their needs.</li> <li>• Use and share observations of local weather conditions to describe patterns over time.</li> </ul>	<ul style="list-style-type: none"> <li>• Develop vocabulary related to local weather patterns.</li> <li>• Use and share observations of local weather conditions to describe patterns over time.</li> <li>• Understand and articulate that animals and plants have different methods of survival depending on where they live.</li> <li>• Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.</li> <li>• Make observations to determine the effect of sunlight on Earth’s surface, and use tools and materials to design and build a structure that will reduce the warming effect of sunlight on an area.</li> </ul>
Essential Questions	
<ul style="list-style-type: none"> <li>• How does pushing or pulling an object in different ways change how far it goes?</li> <li>• Why do animals live where they live?</li> <li>• Why is the weather always changing?</li> <li>• How did God create us? Why did God create us?</li> </ul>	
Vital Vocabulary	
<ul style="list-style-type: none"> <li>• Adapt, Communicate, Condition, Describe, Direction, Distance, Environment, Force, Local, Motion, Needs, Observe, Pattern, Pull, Push, Severe, Solve, Speed, Structure, Sunlight, Time</li> </ul>	

Additional Resources: [Cardinal Newman Science Resources. Appendix E](#)