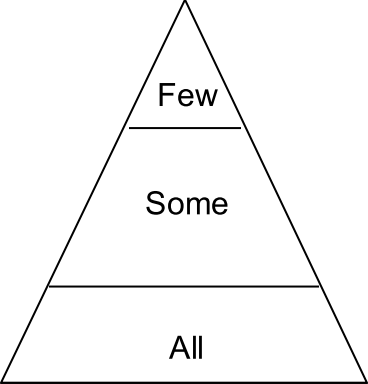


**SEDOL CURRICULUM FRAMEWORK – SCIENCE – CYCLE 1 - Early Childhood and Stage A**

<b>TIMELINE:</b> <b>3rd Quarter</b>	<b>Force and Motion</b>
<b>LEARNING STANDARDS</b>	12.D Know and apply concepts that describe force and motion and the principles that explain them. 12.E Know and apply concepts that describe the features and processes of the earth and its resources.
<b>ESSENTIAL QUESTION</b>	How does force and motion impact me?
<b>UNDERSTANDING / SKILLS</b>  	Few students will: Predict, observe, record, and report on a variety of force and motion experiments  Some students will: Drop a variety of objects to see how quickly they fall Move objects on a variety of planes Observe a fan blowing objects to see if they move Manipulate a magnet to determine if objects are attracted to it Experiment with a variety of objects to observe if they sink or float Observe an experiment that involves the changing of something from a liquid to a solid or a solid to a liquid  All students will: Practice activating a switch with assistance to get a response from an object Experience motion at different speeds Experience different liquids and solids
<b>ACADEMIC VOCABULARY</b>	Float* - to stay on top Force - energy that makes an object move Liquid - moving like water with no shape of its own Magnet - a piece of iron that attracts other metal Motion - moving Sink* - to go to the bottom Solid - an object that has shape
<b>BEST PRACTICES</b>	Creative Curriculum, direct teaching, repetition in varying environments
<b>TOOLS</b>	Please refer to your discipline specific SEDOL Technology Steps
<b>ASSESSMENT EVIDENCE</b>	SEDOL Childhood Checklist, Creative Curriculum Assessment