



Quarter 1 Syllabus

Title of Course: Science Balance and Motion	School Division: Lower School Gr 1-2 Length of Course: 1 year	Person preparing this program syllabus: Lori Eilers
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Standards:	Essential Questions:	Learning Objectives:
<p>Students experience balancing various objects.</p> <p>Students construct toys and explore variables that influence their rotational motion.</p> <p>Students observe and describe changes that occur when variables are introduced.</p>	<p>How do we (as scientists) explore, observe, ask questions, collect data, and find patterns in the physical world?</p> <p>How can a nonsymmetrical object be balanced?</p> <p>What are the different types of motion?</p> <p>How do objects change motion and what effect is produced?</p>	<p>Develop a curiosity and interest in the motion of objects.</p> <p>Explore concepts of balance, counterweight, and stability.</p> <p>Observe and compare rolling systems with different sized wheels.</p> <p>Discover different ways to produce rotational motion.</p> <p>Organize and communicate observations through drawing and writing.</p>

<p>Assessment:</p> <p>Student Grades will be determined by the following:</p>

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Escuela Las Morochas

ciudad Ojeda, Venezuela

Developing lifelong learners and global citizens

- Participation 25%
- Labs/Experiments/Classwork 25%
- Homework 10%
- Tests 40%

Resources:

Foss Science Kit: Balance and Motion

Additional Teacher Comments:

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