



## Quarter 1 Syllabus

Title of Course: 4 <sup>th</sup> /5 <sup>th</sup> Science – Variables	School Division: Lower School  Length of Course: 1 year	Person preparing this program syllabus:  Reada Wilkinson
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<b>Standards:</b>	<b>Essential Questions:</b>	<b>Learning Objectives:</b>
<p><b>Science as Inquiry:</b></p> <p>Develop students' abilities to do and understand scientific inquiry.</p> <p><b>Physical Science:</b></p> <p>Develop students' understanding of motion and forces.</p> <p><b>Science and Technology:</b></p> <p>Develop students' understandings about science and technology.</p> <p><b>History of Science:</b></p> <p>Develop an understanding of science as a human endeavor.</p>	<p>How do I use the scientific method?</p> <p>How can one small change affect an experiment?</p> <p>How can I control the outcome of an experiment?</p>	<p>Students will:</p> <p>Follow written instructions on how to setup and develop a scientific experiment.</p> <p>Develop hypotheses based on past knowledge for various experiments.</p> <p>Work in collaborative groups.</p> <p>Follow procedures outlined for experiments.</p> <p>Observe and compare results based on variables that are introduced.</p> <p>Accept or reject their hypotheses based on data.</p> <p>Apply knowledge to answer questions about hypothetical</p>

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# Escuela Las Morochas

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**Assessment:**

Student Grades will be determined by the following categories of assessments: Classwork (30%) Homework (10%) Participation (10%) Quizzes (15%) Tests/ Projects (35%)

Resources: FOSS science kit – Variables

Additional Teacher Comments:

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