
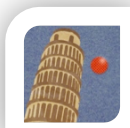






PHYSICAL SCIENCE

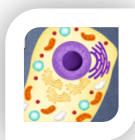
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LAB		<p>Phase Change Determine how three factors: size of a container, amount of ice, and amount of heat affect melting and boiling properties of ice.</p>	NOW
LAB		<p>Free Fall: Energy & Speed Understand the relationship between a ball's mass, initial and final kinetic and potential energy, or its final speed and acceleration, when it is dropped from different heights.</p>	NOW
LAB		<p>Liquid Density Learn more about substance properties by seeing if the shape of the liquid's container, the amount of liquid, or the type of liquid (oil or water) impact density.</p>	NOW
LAB		<p>Mass & Weight Simulate what normally cannot be done. Learn how mass and weight are related by measuring different, common everyday items on different planets!</p>	NOW
LAB		<p>Projectiles Parabolic Motion Learn how horizontal and vertical motion can be separated by changing different factors that affect how a ball is launched.</p>	SPRING '15
LAB		<p>Collisions Experiment with different masses of balls and angles of collision to learn about these affect speed and momentum.</p>	NOW
FEATURE	<p>Physical Science Mobile Alerts Alerts on portable devices about who is struggling and on which specific skills help teachers focus their efforts as students work in class.</p>		FALL '15
FEATURE	<p>Physical Science Automatic Scaffolding Students receive one-on-one, personalized help as they make hypotheses, collect data, and analyze their data automatically if the system detects they are off track.</p>		NOW

LIFE SCIENCE

Available

LAB

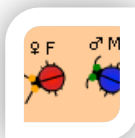


Animal Cell Functions

Examine an animal cell at the microscopic level. Experiment to learn how organelles work together to sustain the cell's functions.

SPRING '15

LAB



Genetics: Bug Breeding

Breed (cross) bugs and use cause-to-effect, and effect-to-cause reasoning to learn about dominance, sex-linkage, and codominance.

FALL '15

LAB

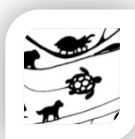


Ecosystems

Practice working with and reasoning about nonlinear models by helping to create a sustainable ocean ecosystem for fish, shrimp and seaweed.

SPRING '15

LAB

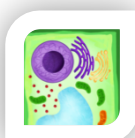


Evolution

Simulate how different species spread over a region and how their traits are inherited or may change over long periods of time. Survival of the fittest rules!

SPRING '15

LAB



Plant Cell Function

Similar to the animal cell, learn how a plant cell's organelles support the cell's basic functions.

SPRING '15

FEATURE



Life Science Mobile Alerts

Alerts on portable devices about who is struggling and on which specific skills help teachers focus their efforts as students work in class.

FALL '15

FEATURE




Life Science Automatic Scaffolding

Students receive one-on-one, personalized help as they make hypotheses, collect data, and analyze their data automatically if the system detects they are off track.

FALL '15

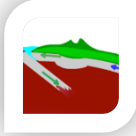
INQUIRY PRE -TEST


Available


LAB		<p>General Inquiry - Flower in Water Performance-based inquiry skills test in which students determine how additives (salt, sugar and red dye) impact petal redness and the flower's petal loss over time.</p>	NOW
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EARTH SCIENCE

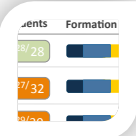
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LAB		<p>Plate Tectonics Change different geological factors to see how these affect the layers of the earth, convection processes, and plate convergence and divergence.</p>	SPRING '15
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LAB		<p>Seasons Learn how seasons differ across the equator, and how the earth's tilt and the day of the year impact seasons.</p>	SPRING '15
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FEATURE		<p>Earth Science Mobile Alerts Alerts on portable devices about who is struggling and on which specific skills help teachers focus their efforts as students work in class.</p>	SPRING '15
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FEATURE		<p>Earth Science Automatic Scaffolding Students receive one-on-one, personalized help as they make hypotheses, collect data, and analyze their data automatically if the system detects they are off track.</p>	FALL '15
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FEATURE		<p>Earth Science Student Inquiry Reports See all your students' automatically measured inquiry skills.</p>	FALL '15
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