



Main Criteria: California Content Standards

Secondary Criteria: LEGO® Education BricQ Motion Essential, STEAM Park

Subject: Science

Grade: K

Correlation Options: Show Correlated

California Content Standards

Science

Grade: K - Adopted: 2013

CONTENT STANDARD / DOMAIN / PART	CA.K-PS.	PHYSICAL SCIENCE
PERFORMANCE STANDARD / MODE	K-PS2.	Motion and Stability: Forces and Interactions
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	K-PS2-1.	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. <u>STEAM Park</u> Chain Reaction Gears <u>LEGO® Education BricQ Motion Essential</u> Dog Obstacle Course Get Up and Dance Hockey Practice Push Car Derby Relay Race Sail Car Tightrope Walker
FOUNDATION / PROFICIENCY LEVEL	K-PS2-2.	Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull. <u>STEAM Park</u> Chain Reaction Gears <u>LEGO® Education BricQ Motion Essential</u> Dog Obstacle Course Get Up and Dance Hockey Practice Push Car Derby Relay Race Sail Car Tightrope Walker
CONTENT STANDARD / DOMAIN / PART	CA.K-2-ETS.	ENGINEERING DESIGN
PERFORMANCE STANDARD / MODE	K-2-ETS1.	Engineering Design
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:
FOUNDATION / PROFICIENCY LEVEL	K-2-ETS1-1.	Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. <u>STEAM Park</u> Functional Elements Moving on Water <u>LEGO® Education BricQ Motion Essential</u> Dog Obstacle Course

FOUNDATION / PROFICIENCY LEVEL	K-2-ETS1-2.	<p>Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.</p> <p><u>STEAM Park</u> Chain Reaction Functional Elements Gears Moving on Water</p> <p><u>LEGO® Education BricQ Motion Essential</u> Relay Race</p>
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