LEGO education™

Main Criteria: California Content Standards
Secondary Criteria: Coding Express, StoryTales
Subject: Technology Education
Grade: K
Correlation Options: Show Correlated

California Content Standards
Technology Education
Grade: **K** - Adopted: **2018**

CONTENT STANDARD / DOMAIN / PART		Computing Systems
PERFORMANCE STANDARD / MODE		Hardware & Software
EXPECTATION / SUBSTRAND	K-2.CS.2.	Explain the functions of common hardware and software components of computing systems. (P7.2) Coding Express How Does it Work?
CONTENT STANDARD / DOMAIN / PART		Computing Systems
PERFORMANCE STANDARD / MODE		Troubleshooting
EXPECTATION / SUBSTRAND	K-2.CS.3.	Describe basic hardware and software problems using accurate terminology. (P6.2, P7.2) Coding Express How Does it Work?
CONTENT STANDARD / DOMAIN / PART		Algorithms & Programming
PERFORMANCE STANDARD / MODE		Algorithms
EXPECTATION / SUBSTRAND	K-2.AP.10.	Model daily processes by creating and following algorithms to complete tasks. (P3.2, P4.4) Coding Express Are You Sleeping? Trip to the Zoo
CONTENT STANDARD / DOMAIN / PART		Algorithms & Programming
PERFORMANCE STANDARD / MODE		Control
EXPECTATION / SUBSTRAND	K-2.AP.12.	Create programs with sequences of commands and simple loops, to express ideas or address a problem. (P5.2) Coding Express Animal Concert Are You Sleeping? Journey- Troubles on the Road Memory Game O-Shaped Track: Looping Story Maps The Never Ending Story Train Sound Trip to the Zoo Up Down Around Again Y-Shaped Track
CONTENT STANDARD / DOMAIN / PART		Algorithms & Programming
PERFORMANCE STANDARD / MODE		Program Development

EXPECTATION / SUBSTRAND	K-2.AP.14.	Develop plans that describe a program's sequence of events, goals, and expected outcomes. (P5.1, P7.2) Coding Express First Trip Story Maps Up Down Around Again StoryTales The Princess and the Pea The Three Billy Goats Gruff
EXPECTATION / SUBSTRAND	K-2.AP.16.	Debug errors in an algorithm or program that includes sequences and simple loops. (P6.2) Coding Express Are You Sleeping? Journey- Troubles on the Road The Never Ending Story
EXPECTATION / SUBSTRAND	K-2.AP.17.	Describe the steps taken and choices made during the iterative process of program development. (P7.2) Coding Express Animal Concert Are You Sleeping? Journey- Troubles on the Road Memory Game O-Shaped Track: Looping Story Maps The Never Ending Story Train Sound Trip to the Zoo Up Down Around Again Y-Shaped Track