



Grades K to 5th -- Physical Sciences

Next Generation Science Standards for California Public Schools

Correlated with

Exploration Education's Elementary and Standard
Online Physical Science Courses

In grades 1st to 5th, all three natural sciences (Life, Physical, and Earth) are studied through the year. The following table shows how Exploration Education's Elementary and Standard Physical Science Courses correlate with the physical science standards for those grades.

NGSS STANDARD	DISCIPLINE	COVERED IN EXPLORATION EDUCATION SCIENCE
Kindergarten		
K-PS2 Motion and Stability: Forces and Interactions	Physical Science	EE <u>Elementary</u> Physical Science Section 1
K-PS3 Energy	Physical Science	EE <u>Elementary</u> Physical Science Section 1 & 4
K-2 ETS1 Engineering Design	Physical Science	EE <u>Elementary</u> Physical Science Section 1
1st Grade		
1 Waves: Light and Sound	Physical Science	EE <u>Elementary</u> Physical Science Section 4
K-2 Engineering Design	Physical Science	EE <u>Elementary</u> Physical Science Section 4
2nd Grade		
2 Structure and Properties of Matter	Physical Science	EE <u>Elementary</u> Physical Science Section 3
K-2 Engineering Design	Physical Science	EE <u>Elementary</u> Physical Science Section 3
3rd Grade		
3 Forces and Interactions	Physical Science	EE <u>Elementary</u> Physical Science Section 1 & 2
3-5 Engineering Design	Physical Science	EE <u>Elementary</u> Physical Science Section 1 & 2
4th Grade		
4-PS3 Energy	Physical Science	EE <u>Standard</u> Physical Science Sections 1, 3, 5, 7, 8
4-PS4 Waves and their Applications in Technologies for Information Transfer	Physical Science	EE <u>Standard</u> Physical Science Sections 4, 7 & 8
3-5-ETS1 Engineering Design	Physical Science	EE <u>Standard</u> Physical Science Sections 1 & 2
5th Grade		
5 Space Systems: Stars and the Solar System	Physical Science	EE <u>Standard</u> Physical Science Sections 7 & 8
5 Structure and Properties of Matter	Physical Science	EE <u>Standard</u> Physical Science Sections 4, 5, & 6
3-5 Engineering Design	Physical Science	EE <u>Standard</u> Physical Science Sections 4, 5, 6, 7, 8