

To see the complete list/description of standards, go to: <http://www.cde.ca.gov/be/st/ss/>

6th grade - Earth Science

6.1 Plate tectonics	(sci6.1)
6.2 Topography	(sci6.2)
6.3 Thermal energy (energy flow)	(sci6.3)
6.4 Energy in the Earth system	(sci6.4)
6.5 Ecology (Life Sciences)	(sci6.5)
6.6 Resources	(sci6.6)
6.7 Investigation/experimentation	(sci6.7)

7th grade - Life Science

7.1 Cell biology	(sci7.1)
7.2 Genetics	(sci7.2)
7.3 Evolution	(sci7.3)
7.4 History of life	(sci7.4)
7.5 Structure of organisms	(sci7.5)
7.6 Physics and life	(sci7.6)
7.7 Investigation/experimentation	(sci7.7)

8th Grade - Physical Science

8.1 Motion	(sci8.1)
8.2 Forces	(sci8.2)
8.3 Structure of matter	(sci8.3)
8.4 Earth in the solar system	(sci8.4)
8.5 Reactions	(sci8.5)
8.6 Chemistry of life	(sci8.6)
8.7 The periodic table	(sci8.7)
8.8 Density and Buoyancy	(sci8.8)
8.9 Investigation/experimentation	(sci8.9)

8th – 12th grade

Biology

1 Cell biology	(sci.bio1)
2 Genetics – mutation/reproduction	(sci.bio2)
3 Genetics – development	(sci.bio3)
4 Genes and DNA	(sci.bio4)
5 Altering genetics	(sci.bio5)
6 Ecology	(sci.bio6)
7 Natural selection	(sci.bio7)
8 Evolution	(sci.bio8)
9 Physiology	(sci.bio9)
10 Disease	(sci.bio10)

Chemistry

1 Atomic structure	(sci.chem1)
2 Chemical bonds	(sci.chem2)
3 Stoichiometry	(sci.chem3)
4 Gases	(sci.chem4)
5 Acids and bases	(sci.chem5)

California Science Standards

Middle and High School

6 Solutions	(sci.chem6)
7 Chemical thermal dynamics	(sci.chem7)
8 Reaction rates	(sci.chem8)
9 Chemical equilibrium	(sci.chem9)
10 Organic/bio chemistry	(sci.chem10)
11 Nuclear processes	(sci.chem11)

Earth Science

1 Solar system	(sci.geo1)
2 The stars and the universe	(sci.geo2)
3 Plate tectonics	(sci.geo3)
4 Solar radiation	(sci.geo4)
5 Atmosphere & Weather	(sci.geo5)
6 Climate	(sci.geo6)
7 Biochemical cycles	(sci.geo7)
8 Atmosphere composition	(sci.geo8)
9 California geology	(sci.geo9)
10 Investigation/Experimentation	(sci.geo10)

Physics

1 Motions and forces	(sci.phys1)
2 Energy and momentum	(sci.phys2)
3 Heat and thermodynamics	(sci.phys3)
4 Waves	(sci.phys4)
5 Electricity and magnets	(sci.phys5)