



**California
Subject
Examinations for
Teachers®**

SCIENCE

General Examination Information

Test Structure for CSET: Science

CSET: Science consists of three separate subtests, each composed of both multiple-choice and constructed-response questions. Each subtest is scored separately. The structure of the examination is shown in the table below.

CSET: Science			
Subtest*	Domains	Number of Multiple-Choice Questions	Number of Constructed-Response Questions (short responses)
I	<i>Astronomy</i>	7	none
	<i>Dynamic Processes of the Earth</i>	15	1
	<i>Earth Resources</i>	7	none
	<i>Waves</i>	8	none
	<i>Forces and Motion</i>	15	1
	<i>Electricity and Magnetism</i>	6	none
	Subtest Total	58	2
	II	<i>Ecology</i>	8
<i>Genetics and Evolution</i>		14	none
<i>Molecular Biology and Biochemistry</i>		7	1
<i>Cell and Organismal Biology</i>		7	1
<i>Heat Transfer and Thermodynamics</i>		7	none
<i>Structure and Properties of Matter</i>		15	none
Subtest Total		58	2
III		One of the following concentration areas, each with the designated number of questions:	
	• <i>Biology/Life Science</i>	50	3
	• <i>Chemistry</i>	50	3
	• <i>Earth and Planetary Science</i>	50	3
	• <i>Physics</i>	50	3

*Subtests I and II cover general science content while Subtest III covers the examinee's area of concentration.

Additional test preparation can be found at: http://www.cset.nesinc.com/CS_testguide_opener.htm
 For fee test preparation guides (\$39.95 to \$59.95): <http://cateachingsolutions.com>

Science (Specialized) Information

Effective spring 2003, the California Commission on Teacher Credentialing authorized the addition of four Science (Specialized) areas for Single Subject Teaching Credentials: Biological Sciences (Specialized), Chemistry (Specialized), Physics (Specialized), and Geoscience (Specialized). *A Science (Specialized) credential authorization permits the holder to teach in the specific science area listed on the Single Subject Teaching Credential and does not authorize teaching general or integrated science.*

To verify subject matter competence for this credential by examination, candidates must pass CSET: Science Subtests III and IV in their specific Science area. The test structure for the examination is shown in the table below.

CSET: Science (Specialized)			
Subtest	Domains	Total Number of Multiple-Choice Questions	Number of Constructed-Response Questions (short responses)
III	One of the following concentration areas, each with the designated number of questions:		
	• <i>Biology/Life Science*</i>	50	3
	• <i>Chemistry*</i>	50	3
	• <i>Earth and Planetary Science*</i>	50	3
	• <i>Physics*</i>	50	3
IV	One of the following concentration areas, each with the designated number of questions:		
	<i>Biology/Life Science (Specialized)</i> • Ecology • Genetics and Evolution • Molecular Biology and Biochemistry • Cell and Organismal Biology	40	1
	<i>Chemistry (Specialized)</i> • Heat Transfer and Thermodynamics • Structures and Properties of Matter	40	1
	<i>Earth and Planetary Science (Specialized)</i> • Astronomy • Dynamic Processes of the Earth • Earth Resources	40	1
	<i>Physics (Specialized)</i> • Waves • Forces and Motion • Electricity and Magnetism	40	1

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