

THE SCIENCE OF MENTAL ILLNESS		
California Science Content Standards Earth Science - Grade 6		
Lesson	Standard	Description
2	7.a	Develop a hypothesis.
2	7.b	Select and use appropriate tools and technology (including calculators, computers, balances, spring scales, microscopes, and binoculars) to perform tests, collect data, and display data.
2, 3	7.d	Communicate the steps and results from an investigation in written reports and oral presentations.
California Science Content Standards Life Science – Grade 7		
Lesson	Standard	Description
3	2.c	Know that an inherited trait can be determined by one or more genes.
3	3.a	Know both genetic variation and environmental factors are causes of evolution and diversity of organisms.
1	5.a	Know plants and animals have levels of organization for structure and function, including cells, tissues, organs, organ systems, and the whole organism.
1, 2, 4	5.b	Know organ systems function because of the contributions of individual organs, tissues, and cells. The failure of any part can affect the entire system.
2	7.a	Select and use appropriate tools and technology (including calculators, computers, balances, spring scales, microscopes, and binoculars) to perform tests, collect data, and display data.
1, 2, 6	7.b	Use a variety of print and electronic resources (including the World Wide Web) to collect information and evidence as part of a research project.
2, 3, 4, 6	7.c	Communicate the logical connection among hypotheses, science concepts, tests conducted, data collected, and conclusions drawn from the scientific evidence.
2, 6	7.e	Communicate the steps and results from an investigation in written reports and oral presentations.
California Science Content Standards Physical Science - Grade 8		
Lesson	Standard	Description
2	9.a	Plan and conduct a scientific investigation to test a hypothesis.

California English-Language Arts Content Standards – Grades 6, 7, 8		
Reading		
Lesson	Standard	Description
All lessons	2.3	Connect and clarify main ideas by identifying their relationships to other sources and related topics. (6)
All lessons	1.3	Clarify word meanings through the use of definition, example, restatement, or contrast. (7)
All lessons	1.3	Use word meanings within the appropriate context and show ability to verify those meanings by definition, restatement, example, comparison, or contrast. (8)
Writing		
Lesson	Standard	Description
All lessons	1.1	Choose the form of writing (e.g., personal letter, letter to the editor, review, poem, report, narrative) that best suits the intended purpose. (6)
2, 3, 4, 5	2.2.a	Explain the situation. (6)
All lessons	2.2.c	Offer persuasive evidence to validate arguments and conclusions as needed. (6)
2, 3, 4	2.3.a	Pose relevant questions with a scope narrow enough to be thoroughly covered. (6)
2, 3, 4, 5, 6	2.3.b	Support the main idea or ideas with facts, details, examples, and explanations from multiple authoritative sources (e.g., speakers, periodicals, online information searches). (6)
All lessons	1.2	Support all statements and claims with anecdotes, descriptions, facts and statistics, and specific examples. (7)
2, 3, 4	1.4	Identify topics; ask and evaluate questions; and develop ideas leading to inquiry, investigation, and research. (7)
2, 3, 4	2.3.a	Pose relevant and tightly drawn questions about the topic. (7)
All lessons	2.3.b	Convey clear and accurate perspectives on the subject. (7)
2, 3, 4, 5, 6	2.5.a	Include the main ideas and most significant details. (7)
All lessons	2.5.c	Reflect underlying meaning, not just the superficial details. (7)
All lessons	1.1	Create compositions that establish a controlling impression, have a coherent thesis, and end with a clear and well-supported conclusion. (8)
2, 3, 4, 5, 6	1.3	Support theses or conclusions with analogies, paraphrases, quotations, opinions from authorities, comparisons, and similar devices. (8)

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2, 3, 4, 5, 6	2.3.b	Record important ideas, concepts, and direct quotations from significant information sources and paraphrase and summarize all perspectives on the topic, as appropriate. (8)
2, 3	2.3.d	Organize and display information on charts, maps, and graphs. (8)
3, 6	2.4.a	Write persuasive compositions, including a well-defined thesis (i.e., one that makes a clear and knowledgeable judgment). (8)
All lessons	2.4.b	Present detailed evidence, examples, and reasoning to support arguments, differentiating between facts and opinion. (8)
Listening and Speaking		
Lesson	Standard	Description
2, 3, 4, 5	1.5	Emphasize salient points to assist the listener in following the main ideas and concepts. (6)
2, 3, 4, 5, 6	1.6	Support opinions with detailed evidence and with visual or media displays that use appropriate technology. (6)
1, 2, 3, 4	2.2.a	Pose relevant questions sufficiently limited in scope to be completely and thoroughly answered. (6)
2, 3, 4, 5, 6	2.2.b	Develop the topic with facts, details, examples, and explanations from multiple authoritative sources (e.g., speakers, periodicals, online information). (6)
All lessons	2.5.a	Theorize on the causes and effects of each problem and establish connections between the defined problem and at least one solution. (6)
2, 3, 4, 5, 6	2.5.b	Offer persuasive evidence to validate the definition of the problem and the proposed solutions. (6)
2, 3, 4	1.1	Ask probing questions to elicit information, including evidence to support the speaker's claims and conclusions. (7)
2, 3, 4, 5, 6	1.5	Arrange supporting details, reasons, descriptions, and examples effectively and persuasively in relation to the audience. (7)
1, 2, 3, 4	2.3.a	Pose relevant and concise questions about the topic. (7)
All lessons	2.3.b	Convey clear and accurate perspectives on the subject. (7)
2, 3, 4, 5, 6	2.3.b	Record important ideas, concepts, and direct quotations from significant information sources and paraphrase and summarize all relevant perspectives on the topic, as appropriate. (8)
2, 3	2.3.d	Organize and record information on charts, maps, and graphs. (8)
California Mathematics Content Standards - Grades 6 & 7		
Number Sense		
Lesson	Standard	Description

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3	2.1	Solve problems involving addition, subtraction, multiplication, and division of positive fractions and explain why a particular operation was used for a given situation. (6)
Statistics, Data Analysis, and Probability		
3	2.5	Identify claims based on statistical data and, in simple cases, evaluate the validity of the claims. (6)
Mathematical Reasoning		
3	2.4	Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning. (6)
3	2.5	Express the solution clearly and logically by using the appropriate mathematical notation and terms and clear language; support solutions with evidence in both verbal and symbolic work. (6)
3	2.5	Use a variety of methods, such as words, numbers, symbols, charts, graphs, tables, diagrams, and models, to explain mathematical reasoning. (7)
3	2.6	Express the solution clearly and logically by using the appropriate mathematical notation and terms and clear language; support solutions with evidence in both verbal and symbolic work. (7)