

SOUTH DAKOTA ALIGNMENT FOR NIH SUPPLEMENT THE SCIENCE OF MENTAL ILLNESS

<b>THE SCIENCE OF MENTAL ILLNESS</b>		
<b>South Dakota Science Standards: Grades 6 – 8</b>		
<b>Grade 6</b>		
<b>Lesson</b>	<b>Standard</b>	<b>Supporting Skill</b>
1, 2, 3, 4, 5	6.N.1.1	Recognize scientific knowledge is not merely a set of static facts but is dynamic and affords the best current explanations.
4, 5	6.S.1.1	Students accurately describe how science and technology have helped society to solve problems.
<b>Grade 7</b>		
4, 5	7.N.1.1	Describe societal response to major scientific findings or theories.
4	7.N.2.1.2	Analyze the benefits and potential of scientific investigations.
2, 4	7.L.1.2	Students are able to identify and explain the function of the human systems and the organs within each system: skeletal/support; muscular; digestive; respiratory; circulator; and reproductive.
2, 3, 4	7.L.2.1.1	Identify the role of genetics in the transmission of traits and characteristics in organisms.
4, 5	7.S.1.1	Students are able to describe how science and technology are used to solve problems in different professions and businesses.
<b>Grade 8</b>		
2, 3, 4	8.N.1.1	Students are able to differentiate among facts, predictions, theory, and law/principles in scientific investigations.
4, 5	8.N.2.1.1	Evaluate the benefits and potential of scientific investigations.
4, 5	8.S.1.1	Students are able to describe how science and technology have been influenced by social needs, attitudes, and values.
<b>South Dakota Mathematics Standards: Grades 6 – 8</b>		
<b>Lesson</b>	<b>Standard</b>	<b>Supporting Skill</b>
<b>Grade 7</b>		
3	7.S.1.2	Students are able to display data, using frequency tables, line plots, stem-and-leaf plots, and make predictions from data displayed in a graph.
<b>Grade 8</b>		
3	8.S.1.2	Students are able to use a variety of visual representations to display data to make comparisons and predictions.

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South Dakota Reading, Writing, Listening, Viewing ,and Speaking Standards: Grades 6 – 8		
Grade 6		
Lesson	Standard	Supporting Skill
All lessons	6.R.1.1	Students can expand word meanings using word categories and word parts.
All lessons	6.R.1.2	Students can utilize context to comprehend words with multiple meanings.
All lessons	6.R.2.1	Students can utilize direct and implied meaning to comprehend text.
All lessons	6.R.2.2	Students can demonstrate the elements of fluency to comprehend text.
All lessons	6.R.5.1	Students can compare and contrast information on one topic from multiple informational texts.
All lessons	6.R.5.2	Students can evaluate the credibility of informational texts.
2, 4, 5, 6	6.R.5.3	Students can utilize sources to locate information.
All lessons	6.W.1.3	Students can identify purpose and audience in writing.
All lessons	6.W.1.4	Students can summarize information from references to compose text.
5, 6	6.LVS.1.2	Students can organize and present narrative and informative presentations using main ideas and supporting details.
All lessons	6.LVS.1.3	Students can identify facts and opinions in auditory and visual information.
Grade 7		
All lessons	7.R.1.1	Students can analyze word parts to determine meaning and context.
All lessons	7.R.2.1	Students can interpret text using comprehension strategies.
All lessons	7.R.2.2	Students can read fluently to comprehend grade-level text.
All lessons	7.R.5.2	Students can analyze and organize data from informational text.
6	7.W.1.1	Students can compose expository and persuasive text of three paragraphs.
All lessons	7.W.1.2	Students can revise word choice in writing.
All lessons	7.W.1.3	Students can select language and style for writing.
All lessons	7.W.1.4	Students can summarize and paraphrase information from references to compose text.
All lessons	7.LVS.1.1	Students can evaluate the purpose and content of the presentation using listening and viewing skills.
All lessons	7.LVS.1.3	Students can create clear and organized descriptive, informative, and narrative presentations.
All lessons	7.LVS.1.4	Students can evaluate the use of facts and opinions expressed in auditory and visual information.
Grade 8		
All lessons	8.R.1.1	Students can apply contextual knowledge of word origins to extend vocabulary.
All lessons	8.R.2.1	Students can analyze text using comprehension strategies.

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All lessons	8.R.2.2	Students can read fluently to comprehend grade-level text.
All lessons	8.R.5.3	Students can combine new information with existing knowledge to enhance understanding.
All lessons	8.W.1.2	Students can revise writing for ideas and content.
All lessons	8.W.1.3	Students can compose text using information from multiple sources to support a topic.
All lessons	8.LVS.1.1	Students can evaluate information in auditory and visual communication.
5, 6	8.LVS.1.3	Students can integrate verbal and nonverbal techniques to deliver an oral presentation for a specific audience and purpose.
<b>South Dakota Health Education Standards: Grades 6 – 8</b>		
<b>Lesson</b>	<b>Standard</b>	<b>Benchmark</b>
3, 5, 6	1.1.c	Analyze how appropriate and inappropriate health practices affect self and family.
1, 2, 3	1.2.a	Explain how health is influenced by the interaction of body systems.
2, 3	1.2.b	Examine practices which enhance personal emotional, social, and physical well being.
2, 3, 4, 5, 6	1.2.c	Examine ways to avoid, minimize, or cope with adolescent health problems.
3, 4, 5, 6	1.3.a	Determine how medical research influences health care and disease prevention.
4, 5	1.3.b	Analyze health care requirements and policies which affect safety and well being.
4, 5	1.3.c	Examine health practices which may cause and/or spread/prevent diseases.
1, 6	2.1.b	Analyze the media impact on personal and family health decisions and practices.
4, 5	2.1.c	Analyze the impact of technology on personal and family health decisions and practices.
4, 5	2.2.a	Investigate the role and organization of various community, state, and regional health agencies/services.
3, 5, 6	2.3.a	Analyze various personal situations to determine when professional health services are necessary.
4, 5, 6	2.3.c	Describe the effects of following or rejecting prescribed/recommended treatment.
3, 4, 5, 6	3.1.a	Distinguish short and long term consequences of risky and harmful behaviors.
1, 6	3.1.b	Analyze how social pressures can influence participation in risk taking behaviors.
3	3.1.c	Analyze personal practices which promote life-long health and well being.
3, 4, 5, 6	3.3.a	Describe how personal choices can impact long range health.
3, 4, 5, 6	3.3.b	Demonstrate individual responsibility in health-related decisions/choices.
All lessons	4.1.b	Choose appropriate communication techniques when interacting with family, peers, and community.
All lessons	4.2.c	Use relevant and appropriate terminology when discussing health issues.
All lessons	5.1.b	Analyze information/data to support or refute the cause/effect of health issues.
1, 4, 5, 6	5.2.c	Investigate the impact of past health plans/strategies on current populations/environments.