

Skin Science



Grades 9-12
 National Health Standards¹
 Common Core State Standards for English Language Arts²
 Science Standards³

National Health Education Standards ¹ Grades 9-12	Activity		
	1	2	3
Standard 3: Students will demonstrate the ability to access valid information, products, and services to enhance health.			
3.12.2 Use resources from home, school, and community that provide valid health information.	•	•	•
Standard 4: Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.			
4.12.1 Use skills for communicating effectively with family, peers, and others to enhance health.		•	•
Standard 5: Students will demonstrate the ability to use decision-making skills to enhance health.			
5.12.2 Determine the value of applying a thoughtful decision-making process in health-related situations.	•	•	•
Standard 8: Students will demonstrate the ability to advocate for personal, family, and community health.			
8.12.1 Utilize accurate peer and societal norms to formulate a health-enhancing message.		•	
8.12.4 Adapt health messages and communication techniques to a specific target audience.		•	

1. National Health Education Standards (2007). © 2020 SHAPE America. Available at shapeamerica.org.

Common Core State Standards in English Language Arts ²	Activity		
	1	2	3
Science & Technical Subjects » Grades 9-10			
Craft and Structure			
CCSS.ELA-LITERACY.RST.9-10.4	•	•	•
Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 9-10 texts and topics.			
Integration of Knowledge and Ideas			
CCSS.ELA-LITERACY.RST.9-10.7	•	•	•
Translate quantitative or technical information expressed in words in a text into visual form (e.g., a table or chart) and translate information expressed visually or mathematically (e.g., in an equation) into words			

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Common Core State Standards in English Language Arts ² (continued)	Activity		
	1	2	3
Science & Technical Subjects » Grades 9-10			
Range of Reading and Level of Text Complexity			
CCSS.ELA-LITERACY.RST.9-10.10 By the end of grade 10, read and comprehend science/technical texts in the grades 9-10 text complexity band independently and proficiently.	•	•	•
Science & Technical Subjects » Grades 11-12			
Craft and Structure			
CCSS.ELA-LITERACY.RST.11-12.2 Determine the central ideas or conclusions of a text; summarize complex concepts, processes, or information presented in a text by paraphrasing them in simpler but still accurate terms.	•	•	•
Integration of Knowledge and Ideas			
CCSS.ELA-LITERACY.RST.11-12.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11-12 texts and topics.	•	•	•
Range of Reading and Level of Text Complexity			
CCSS.ELA-LITERACY.RST.11-12.10 By the end of grade 12, read and comprehend science/technical texts in the grades 11-CCR text complexity band independently and proficiently.	•	•	•

Next Generation Science Standards ³ : Grades 9-12	Activity		
	1	2	3
HS-LS3-1. Heredity: Inheritance and Variation of Traits Ask questions to clarify relationships about the role of DNA and chromosomes in coding the instructions for characteristic traits passed from parents to offspring.	•	•	
HS-LS4-1. Biological Evolution: Unity and Diversity Communicate scientific information that common ancestry and biological evolution are supported by multiple lines of empirical evidence.	•	•	
HS-ETS1-3. Engineering Design Evaluate a solution to a complex real-world problem based on prioritized criteria and trade-offs that account for a range of constraints, including cost, safety, reliability, and aesthetics as well as possible social, cultural, and environmental impacts.			•
Math-Science Connections MP.2 Reason abstractly and quantitatively.	•	•	•

3. © NGSS Lead States. 2013. *Next Generation Science Standards: For States, By States*. Washington, DC: The National Academies Press.