

SRPSD Health Science 20 Rubrics

Career Exploration

HS20-CE1 Analyze and explore health-science related occupations in Saskatchewan, Canada and the world.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can identify relevant and/or undersubscribed health science related career options locally, regionally, and/or nationally.	I have an understanding of a health science related career and the possible paths I could take to achieve such a career.	I have an understanding of a health science related career and how suited I am to such a career.	I have an understanding of a health science related career by including personal interviews/discussions with professionals in my research.

Student-Directed Study

HS20-SDS1 Create and carry out a plan to explore one or more topics of personal interest relevant to Health Science 20 in depth.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can identify a personally relevant or interesting topic in health science.	I can develop a proposal for a scientific investigation, or a plan for an experiment, using the scientific method.	I can assemble a product demonstrating an understanding of a health-science related topic of interest. I can develop materials to support the arguments for my position on a health-science related issue.	I can develop materials to support the arguments for and against a position related to a health-science issue.

Health Care Philosophies and Ethics

HS20-HC1 Analyze how Western, Indigenous, traditional, complementary and alternative approaches to health care can contribute to a holistic perspective (e.g., mental, emotional, physical and spiritual) perspective of health.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can list three approaches to health care with minimal description.	I can accurately describe the characteristics and philosophical framework of three medical knowledge systems.	I analyze how health, wellness, illness, disease, and treatment (e.g., Circle of Life disharmony of body energies, being symptom free, and healthy lifestyle choices) are addressed in each of the medical approaches to health care.	I can identify and critically discuss areas where the systems can work together and where misunderstandings could develop.

HS20-HC2 Examine how personal and societal beliefs affect ethical decisions regarding health care.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can pose questions about ethical dilemmas within health care.	I can identify various personal and societal beliefs that may affect a patient's health care decisions.	I can analyze how personal and societal beliefs affect ethical considerations.	I can assess ethical health care decisions by incorporating patient's rights and personal and societal beliefs.

Human Body

HS20-HB1 Analyze the anatomy and physiology of a healthy human.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can list the anatomical body systems and their main structures.	I can identify the main function of body systems in maintaining a healthy human.	I can analyze the functions of various body systems and relate their contributions to the overall health of a human.	I can clearly demonstrate understanding of the interdependence of human body systems and the contributions of their proper functioning to a healthy human.

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HS20-HB2 Investigate the effects of various injuries, disorders and diseases on human cells, tissues, organs and systems.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can list and describe the various pathologies.	I can explain symptoms and possible causes of pathologies.	I can explain symptoms, possible causes, stages, scope and prevention of a pathology that affects body systems.	I am able to discuss symptoms, possible causes, stages, scope, prevention and detailed effects on cells, tissues, organs, and systems of a healthy human.

Nutrition

HS20-NU1 Assess the importance of macronutrients (i.e., carbohydrates, proteins and fats) and micronutrients (e.g., vitamins, minerals and phytochemicals) in maintaining human health.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can identify micro and macro nutrients.	I can define the characteristics of the various micro and macro nutrients.	I can assess the role of the various micro and macro nutrients required to maintain a healthy body.	I am able to apply my knowledge of micro and macronutrients to my own lifestyle to assess my quality of health.

HS20-NU2 Analyze dietary choices based on personal and cultural beliefs and scientific understanding of nutrition.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I am able to recognize healthy dietary choices.	I am able to identify how dietary choices affect a human's overall nutrition.	I am able to analyze dietary choices based on personal, cultural beliefs and scientific understandings of nutrition.	I am able to apply my knowledge of dietary choices based on personal, cultural beliefs and scientific understanding of nutrition to my own lifestyle choices.

Diagnostics and Treatment

HS20-DT1 Evaluate the tools and procedures used to diagnose and monitor medical conditions.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can identify the significance of monitoring vital signs in health care.	I can identify examples of tools and procedures used in diagnosis in health care.	I can explain the procedures and relevance of common laboratory tests to monitor medical conditions.	I can fully explain why medical practitioners often use multiple tools and procedures to establish a medical diagnosis.

HS20-DT2 Assess the importance of interpreting diagnostic findings to support treatment options for specific pathologies.

Beginning (1)	Approaching (2)	Proficiency (3)	Mastery (4)
I can recognize diagnostic tools.	I can identify and describe tools and procedures used to assist healthcare providers in diagnosis. I am able to identify normal range values for vital signs.	I can assess a diagnostic result to choose an appropriate course of action for treatment options.	I can apply my knowledge to choose an appropriate course of action using multiple diagnostic tools and analyzing results for treatment options.