

GRADE 11		SCIENCE							HLTH20			CAREERS						PAA							
		ES20-AH2	ES20-AS2	ES20-CE1	ES20-ES1	ES20-HP1	ES20-TE1	ES20-TE2	PS20-CE1	CE1	NU1	NU2	LT20-Module 7	CWEX8	CWEX10	CWEX11	CWEX13	CWEX16B	CWEX17B	FOOD01 1.3	FOOD015 15.12	FOOD015 15.14	FOOD015 15.20	FOOD028 28.2	FOOD028 28.3
TOP PICKS	Career Case Learning Kit																								
	Interview with a Farmer Video & Lesson Plan																								
	The Real Dirt on Farming Mini Unit Plan																								
	Planet X: ‘Out of this World’ Opportunities in Agriculture & Food Mini Unit Plan																								
	Cooking up Chicken Mini Unit Plan																								
	The Food Security Budget Game Learning Kit																								
	Growing Green Mini Unit Plan																								
FAVOURITES	FarmFood360 ° Video & Lesson Plan																								
	Guardians of the Grasslands Video & Lesson Plan																								
	Kareero Informational Resource																								
	snapAG Informational Resource																								
	www.thinkAG.ca Informational Resource																								

GRADE 11

SOCIAL STUDIES

Math

FIN LIT

HIS20-Unit 5
Values

SS20-Unit 3
Knowledge

SS20-Unit 4
Knowledge

SS20-Unit 5
Knowledge

FM20.1

FINL2

FINL6A

FINL6B

TOP PICKS

Pandemic Food Panic!
Lesson Plan

Interview with a Farmer
Video & Lesson Plan

The Food Security Budget Game
Learning Kit



SCIENCE 20

ES20-AH2: Analyze the production, reliability and uses of geoscience data to investigate the effects of a changing climate on society and the environment. [CP, DM, SI] k. Investigate the adaptation and mitigation strategies developed to minimize the potential impacts of climate change on the agriculture, energy, forestry, transportation and/or tourism sectors in Saskatchewan. [K, STSE, S]

ES20-AS2: Assess the importance of maintaining healthy water for humans and the environment. [SI, DM] d. Assess how irrigation projects affect food production, water availability, soil salinization and groundwater. [STSE]

ES20-CE1: Analyze and explore environmental science related career paths in Saskatchewan, Canada and the world. [CP, DM] a. Generate a list of occupations that require a background in environmental science. [K, S]

ES20-ES1: Examine the methods, mindsets and purposes of environmental science. [CP, DM] g. Outline key events, including the industrial revolution, medical revolution, green revolution (agriculture) and the environmental movement and their interrelationships with environmental science.

ES20-HPI: Investigate technologies and processes used for mitigating and managing resource use, waste generation and pollution associated with a growing human population. [CP, DM, SI] e. Assess the impact of factors such as advances in food security and access to medicine that support a growing human population. [K]

ES20-TE1: Analyze the importance of soils as an integral component of terrestrial ecosystems. [SI, DM, CP] b. Recognize how the breakdown of parent material through various processes (e.g., weathering, erosion, deposition and decomposition of organisms) results in soil with varying properties (e.g., colour, texture, structure and pH).

SCIENCE 20

ES20-TE2: Examine the role plants play in an ecosystem, including the ways in which humans use plants. [SI, CP, DM] j. Assess the impact of agriculture or forestry on a natural ecosystem. [S]

PS20-CE1: Analyze and explore physical science related occupations in Saskatchewan, Canada and the world. [CP, DM] a. Generate a list of occupations that require a background in physical science through research and/or participation in events such as a career fair or job shadow. [K, S]

HEALTH 20

HS20-CE1: Analyze and explore health-science related occupations in Saskatchewan, Canada and the world. [CP, DM]

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. [CP, SI]

HS20-NU2: Analyze dietary choices based on personal and cultural beliefs and scientific understanding of nutrition. [SI, CP]

PRACTICAL & APPLIED ARTS 20

FOOD01 1.3: To understand and evaluate the information provided in a recipe. [CCT]

FOOD015 15.12: To understand the grading and inspection of poultry. [COM]

FOOD015 15.14: To discover how to handle poultry safely.

FOOD015 15.20: To discuss career choices in the meat industry. [IL, PSVS]

FOOD028 28.2: To discover what personal skills, abilities, and interests can be applied to careers in food and nutrition. [PSVS]

FOOD028 28.3: To explore careers in food and nutrition.

CAREERS 20

Life Transitions 20 Module 7: Students will develop a better understanding of the personal, moral, social, and cultural aspects of community issues and ethics. • establish arguments based upon human rights, human needs or needs of the environment when examining community issues or ethical issue • ground arguments on moral principles, such as truth or justice, rather than adopting moral relativism as a stance when exploring moral issues or dilemmas in community or ethical issues.

CWEX8: Examine several career pathways.

CWEX10: Analyze one's compatibility for a variety of occupations.

CWEX11: Outline potential career plans.

CWEX13: Explore skills, tools and strategies that support the job search process.

CWEX16B: Explore workplace hazards and injury prevention.

CWEX17B: Explore the Workplace Hazardous Materials Information System (WHMIS).

SOCIAL STUDIES 20

History20-Unit 5 Values: • Discuss whether the interests of humans and of nature have to be in conflict?

SS20-Unit 3 Knowledge: • Know that in liberal, industrial societies decision making is done through two major processes which often interact with each other: • the political process where governments gain direction from the electorate and institute changes; and, • the market place where people collectively make decisions by voting with the dollars they use to buy goods and services.

SS20-Unit 4 Knowledge: • Know that human well-being depends upon a number of factors: • consuming enough goods and services to meet basic human needs; • having good health; • having a sense of community; • having the right to contribute through satisfying work, freedom of expression, and feeling accepted and equal; and, • having a healthy environment in which to live.

MATH

FM20.1: Demonstrate understanding of the mathematics involved in an historical event or an area of interest. ([C, CN, ME, PS, R, T, V])

FIN LIT 30

FINL2: Apply decision-making strategies to various personal and community financial scenarios.

FINL6A: Examine the principles of budgeting.

FINL6B: Develop and analyze monthly and annual spending plans based on income and expense tracking.