Follow the Canola Farmer

CURRICULUM CONNECTIONS (GRADES 3 & 5)

GRADE 3 SCIENCE

Cluster 0: Overall Skills and Attitudes	
3-0-2a	Access information using a variety of sources. *Examples: children's magazines, local farmers, CD-ROMs, Internet...*
Cluster 1: Growth and Changes in Plants	
3-1-01	Use appropriate vocabulary related to their investigations of growth and changes in plants. Include: growing medium, nutrient, energy, root, stem, leaf, flowers, pistil, stamen, ovule, pollen, seed, fruit, adaptation, life cycle
3-1-04	Conduct experiments to determine conditions needed for healthy plant growth. Include: light, water, air, space, warmth, growing medium, nutrients.
3-1-10	Care for a flowering plant throughout its life cycle, tracking its growth and its changes over time.
3-1-11	Identify characteristics that remain constant and those that change throughout the life cycle of a flowering plant. Examples: generally, for a given plant, the leaf shape and flower colour stay the same, whereas the leaf size and number of leaves change...
3-1-15	Identify and describe hobbies and jobs involving plants.
3-1-16	Identify how humans from various cultures use plant parts for food and medicine. Examples: use of roots for food (carrots) and medicine (ginseng).
3-1-18	Explain how humans replenish the plants they use and the consequences if plants are not replenished.
Cluster 4: Soils in the Environment	
3-4-08	Explain the importance of understanding the characteristics of different soils. Examples: enables farmers to determine which crops can be grown in a particular area, enables gardeners to improve plant growth, enables engineers to know what types of foundations to set for structures.

GRADE 3 SOCIAL STUDIES

Cluster 3: Communities of the World	
3-KL-018	Give examples of the use of natural resources in communities studied.
3-KE-035	Give examples of work, goods, and technologies in communities studied.
3-KE-036	Give examples of how the natural environment influences work, goods, technologies, and trade in communities studied.

GRADE 5 SCIENCE

Cluster 0: Overall Skills and Attitudes	
5-0-2a	Access information using a variety of sources. *Examples: libraries, magazines, community resource people, outdoor experiences, videos, CD-ROMS, Internet*
5-0-8e	Describe hobbies and careers related to science and technology.
5-0-8g	Describe positive and negative effects of scientific and technological endeavours. Include: effects on themselves, society, the environment, and the economy.
Cluster 1: Maintaining a Healthy Body	
5-1-01	Use appropriate vocabulary related to their investigations of human health. Include: nutrients; carbohydrates; proteins; fats; vitamins; minerals; Canada's Food Guide to Healthy Eating; food group; serving size; terms related to the digestive, skeletal, muscular, nervous, integumentary, respiratory, and circulatory systems.
5-1-03	Describe the types of nutrients in foods and their function in maintaining a healthy body. Include: carbohydrates, proteins, fats, vitamins, minerals.

Agriculture in the Classroom
MANITOBA