BC at the Table: Cross-curricular connections

Subject	Grade	Big Ideas	Competencies	Content
Applied Design, Skills, and Technologies	7		· Evaluate personal, social, and environmental impacts and ethical considerations · Identify how the land, natural resources, and culture influence the development and use of tools and technologies	Food studies · Factors that influence food choices, including cost, availability and family and cultural influences
	8		· Identify the personal, social, and environmental impacts, including unintended negative consequence of the choices they make about technology use · Identify how the land, natural resources, and culture influence the development and use of tools and technologies	Food studies · Local food systems
	9	· Social, ethical and sustainability considerations impact design	· Critically analyze how competing social, ethical, and sustainability considerations, to meet global needs for preferred futures · Evaluate the personal, social, and environmental impacts, including unintended negative consequences, of the choices they make about technology use · Evaluate how the land, natural resources, and culture influence the development and use of tools and technologies	Food studies · Health, economic and environmental factors that influence availability and choice of food in personal, local and global contexts · Ethical issues related to local food systems

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Subject	Grade	Big Ideas	Competencies	Content
Applied Design, Skills, and Technologies (cont'd)	10	· Social, ethical and sustainability considerations impact design	· Critically analyze and prioritize competing factors, including social, ethical, and sustainability considerations, to meet community needs for preferred futures · Evaluate the personal, social, and environmental impacts, including unintended negative consequences, of the choices they make about technology use · Evaluate how the land, natural resources, and culture influence the development and use of tools and technologies	<u>Food studies</u> · Simple and complex global food systems and how they affect food choices, including environmental, ethical, economical and health impacts
	11	· Social, ethical and sustainability considerations impact design	· Critically analyze how competing social, ethical, and sustainability considerations impact design solutions to meet global needs for preferred futures · Analyze the role and impact of technologies in societal change, and the personal, social, and environmental impacts, including unintended negative consequences of their choices of technology use	<u>Food studies</u> · Issues involved with food security
	12	· Social, ethical and sustainability considerations impact design	· Critically analyze how competing social, ethical, and sustainability considerations impact design solutions to meet global needs for preferred futures · Analyze the role and impact of technologies in societal change, and the personal, social, and environmental impacts, including unintended negative consequences of their choices of technology use	<u>Food studies</u> · Food justice in the local and global community · Factors involved in regional and/or national food policies
Subject	Grade	Big Ideas	Competencies	Content

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Culinary Arts	10	· Social, ethical and sustainability considerations impact design	· Evaluate the personal, social, and environmental impacts, including unintended negative consequences, of the choices they make about technology use · Evaluate how the land, natural resources, and culture influence the development and use of tools and technologies	· Food products available locally from agriculture, fishing and foraging
	11		· Critically analyze how competing social, ethical, and sustainability considerations impact designed solutions to meet global needs for preferred futures · Analyze the design for life cycle · Analyze the role and impact of technologies in societal change, and the personal, social, and environmental impacts, including unintended negative consequences, of their choices of technology use · Analyze how cultural beliefs, values, and ethical positions affect the development and use of technologies	· Ethical, social, and environmental issues related to commercial waste management and recycling · BC agricultural practices
	12		· Critically analyze how competing social, ethical, and sustainability considerations impact design solutions to meet global needs for preferred futures · Analyze the role and impact of technologies in societal change, and the personal, social, and environmental impacts, including unintended negative consequences of their choices of technology use	· Social, economic, and environmental effects of food procurement decisions

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Home Economics: Food Studies	10	· Social, ethical, and sustainability considerations impact design.	· Critically analyze and prioritize competing factors, including social, ethical, and sustainability considerations, to meet community needs for preferred futures · Evaluate the personal, social, and environmental impacts, including unintended negative consequences, of the choices they make about technology use · Evaluate how the land, natural resources, and culture influence the development and use of tools and technologies	· Simple and complex global food systems and how they affect food choices, including environmental, ethical, economical and health impacts
	11	· Products can be designed for life cycle	· Critically analyze how competing social, ethical, and sustainability considerations impact designed solutions to meet global needs for preferred futures · Analyze the design for life cycle · Analyze the role and impact of technologies in societal change, and the personal, social, and environmental impacts, including unintended negative consequences, of their choices of technology use · Analyze how cultural beliefs, values, and ethical positions affect the development and use of technologies	· Ethical, social, and environmental issues related to commercial waste management and recycling · BC agricultural practices

	12	· Products can be designed for life cycle	· Critically analyze how competing social, ethical, and sustainability considerations impact designed solutions to meet global needs for preferred futures · Analyze the design for life cycle · Analyze the role and impact of technologies in societal change, and the personal, social, and environmental impacts, including unintended negative consequences, of their choices of technology use · Analyze how cultural beliefs, values, and ethical positions affect the development and use of technologies	· Food justice in the local and global community · Factors involved in regional and/or national food policies · Development of a food philosophy by an individual or group

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Subject	Grade	Big Ideas	Competencies	Content
Career Education	7	· Our attitudes toward careers are influenced by our view of ourselves as well as by our friends, family and community.	· Recognize their personal preferences, skills, strengths and abilities and connect them to possible career choices	· Local and global needs and opportunities · Factors affecting types of jobs in the community
	8	· The value of work in our lives, communities and society can be viewed from diverse perspectives.	· Recognize and explore diverse perspectives on how work contributes to our community and society	· Local and global needs and opportunities · Factors affecting types of jobs in the community
	9	· The value of work in our lives, communities and society can be viewed from diverse perspectives.	· Question self and others about how individual purposes and passions can support the needs of the local and global community when considering career choices · Recognize and explore diverse perspectives on how work contributes to our community and society the role of family expectations and traditions, and of community needs in career choices · Question self and others about the role of family expectations and traditions, and of community needs in career choicesv	· Local and global needs and opportunities · Factors affecting types of jobs in the community

| Career Life Connections | 10-12 | · Career education paths require ongoing exploration, planning, evaluation and adaptation.

· Multiple ways to gather career information

· Awareness that all careers are multifaceted and have a variety of choices and opportunities | | |

Subject	Grade	Big Ideas	Competencies	Content
Physical and Health Education	7		· Identify factors that influence healthy choices and explain their potential health effects	· Factors that influence personal eating choices
	8		· Develop strategies for promoting healthy eating choices in different settings · Assess factors that influence healthy choices and their potential health effects	· Potential short- and long-term consequences of health decisions, including those involving nutrition, protection from sexually transmitted infections and sleep routines
	9		· Propose healthy choices that support lifelong health and well-being · Identify and apply strategies to pursue personal healthy-living goals	· Potential short- and long-term consequences of health decisions, including those involving nutrition, protection from sexually transmitted infections and sleep routines
	10		· Critically analyze the impacts of technology and other factors on individual and community health	· Potential short- and long-term consequences of health decisions, including those involving physical activity, healthy eating, sleep routines and technology

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Science	7	· Earth and its climate have changed over geological time.	· Consider social, ethical, and environmental implications of the findings from their own and others' investigations. · Express and reflect on a variety of experiences and perspectives of place	· Evidence of climate change over geological time and the recent impacts of humans (efficacy of sustainable practices)

	8		· Consider social, ethical, and environmental implications of the findings from their own and others' investigations. · Express and reflect on a variety of experiences and perspectives of place	
Science (cont'd)	9	· The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them	· Consider social, ethical, and environmental implications of the findings from their own and others' investigations. · Express and reflect on a variety of experiences, perspectives and worldviews through place	· Matter cycles within biotic and abiotic components of ecosystem · Sustainability of systems
	10		· Assess risks and address ethical, cultural and/or environmental issues associated with their proposed methods and those of others · Experience and interpret the local environment · Consider social, ethical and environmental implications of the findings from their own and others' investigations · Contribute to care of self, others, community and world through individual or collaborative approaches · Transfer and apply learning to new situations	· Local and global impacts of energy transformations from technologies

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Science: Environmental Science	11	· Interconnected systems sustain healthy ecosystems · Ecosystem stability is an important result of sustainability · Human practices affect the sustainability of ecosystems · Humans can play a role in conservation and restoration of ecosystems	· Assess risks and address ethical, cultural and/or environmental issues associated with their proposed methods and those of others · Experience and interpret the local environment · Consider social, ethical, and environmental implications of the findings from their own and others' investigations Contribute to care of self, others, community and world through individual or collaborative approaches · Transfer and apply learning to new situations	· Processes and changes in local ecosystems: matter cycles, change and stability in ecosystems · Sustainability in local ecosystems: benefits of healthy ecosystems, humans as agents of change (unsustainable and sustainable ecosystem practices) · Conservation and restoration of ecosystems: environmental stressors challenge ecosystems integrity, health and sustainability

Subject	Grade	Big Ideas	Competencies	Content
Science: Environmental Science (cont'd)	12	· Human actions affect the quality of water and its ability to sustain life · Sustainable land use and food production will meet the needs of a growing population · Living sustainably supports the well-being of self, community, and Earth	· Assess risks and address ethical, cultural and/or environmental issues associated with their proposed methods and those of others · Experience and interpret the local environment · Consider social, ethical and environmental implications of the findings from their own and others' investigations · Contribute to care of self, others, community and world through individual or collaborative approaches	· Land use practices · Global food security and technologies · Land management and personal choices · Human health and environmental impacts of population growth
Science: Science for Citizens	11	· Science helps us explain how natural changes and human choices affect global systems	· Assess risks and address ethical, cultural and/or environmental issues associated with their proposed methods and those of others · Experience and interpret the local environment · Consider social, ethical and environmental implications of the findings from their own and others' investigations · Contribute to care of self, others, community and world through individual or collaborative approaches	· Agriculture practices and processes: environmental impacts, impacts of personal choices
Subject	**Grade**	**Big Ideas**	**Competencies**	**Content**

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Social Studies	7		· Use Social Studies inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate findings and decisions · Make ethical judgements about past events, decisions or actions, and assess the limitations of drawing direct lessons from the past (ethical judgment)	· Human responses to particular geographic challenges and opportunities, including climates, landforms and natural resources
	8	· Human and environmental factors shape changes in population and living standards	· Use Social Studies inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate findings and decisions · Make ethical judgements about past events, decisions or actions, and assess the limitations of drawing direct lessons from the past (ethical judgment)	· Changes in population and living standards · (for example, environmental impact [e.g. resource and land use)
	9	· The physical environment influences the nature of political, social, and economic change	· Use Social Studies inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate finds and decisions · Assess how prevailing conditions and the actions of individuals or groups influence events, decisions, or development (cause and consequence) · Make reasoned ethical judgments about actions in the past and present, and determine appropriate ways to remember and respond (ethical judgment)	· Social, political, and economic systems and structures including those of at least one indigenous civilization · Changes in population and living standard

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	10		· Use Social Studies inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate finds and decisions · Assess how prevailing conditions and the actions of individuals or groups influence events, decisions, or development (cause and consequence) · Make reasoned ethical judgments about actions in the past and present, and determine appropriate ways to remember and respond (ethical judgement)	· Human-environment interaction · Economic development and Canada's role in a global economy
Subject	**Grade**	**Big Ideas**	**Competencies**	**Content**
Social Studies: Human Geography	11	· Human activities alter landscapes in a variety of ways	· Use geographic inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate finds and decisions · Identify and assess how human and environmental factors and events influence each other (interactions and associations)	· Relationships between cultural traits, the use of physical space, and impacts on the environment, including First Peoples cultures · Global agricultural practices
Social Studies: Physical Geography	12	· Human activities and resource use affect the environment	· Use geographic inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate finds and decisions · Identify and assess how human and environmental factors and events influence each other (interactions and associations)	· Use geographic inquiry processes and skills to ask questions; gather, interpret and analyze ideas; and communicate finds and decisions · Identify and assess how human and environmental factors and events influence each other (interactions and associations)

Social Studies: Urban Studies	12	· Decision making in urban and regional planning requires balancing political, economic, social, and environmental factors	· Use Social Studies inquiry processes and skills to ask questions; gather, interpret, and analyze ideas; and communicate finds and decisions · Make reasoned ethical judgments about actions in the past and present and determine appropriate ways to remember and respond (ethical judgement)	· Contemporary issues in Urban Studies: Social justice issues (livability, food security), Global urban disparity (infrastructure, access to services such as education and health care, quality of and access to jobs), Environmental Factors (air quality, land and water quality)

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