



Markham Fair Curriculum Committee

Secondary Courses & Connections

Social Sciences & Humanities:

1. Food and Nutrition, Grade 9 or 10, Open

This course explores the factors that affect attitudes and decisions about food, examines current issues of body image and food marketing, and is grounded in the scientific study of nutrition. Students will learn how to make informed food choices and how to prepare foods, and will investigate our Canadian food heritage and food industries, as well as global food issues. The course also introduces students to research skills related to food and nutrition.

Diversity, Interdependence, and Global Connections

Overall Expectations

By the end of this course, students will:

- describe the relationship among family customs, traditions, and food, using current social science research methods;
- demonstrate an understanding of our Canadian food heritage;
- identify food supply and production industries in Canada;
- complete an investigation of current global issues related to food (e.g., food distribution, food shortages, gene manipulation), using current social science research methods.

2. Managing Personal & Family Resources, Grade 11, College Preparation

This course explores how to use human, material, and community resources effectively, and how to make informed choices with respect to clothing purchases, finance, food and nutrition, housing, and transportation. Students will learn about the dynamics of human interaction; how to make responsible choices in their transition to postsecondary education and careers; and strategies to enable them to manage time, talent, and money effectively. This course also introduces students to skills used in researching and investigating resource management.

Preparing for the Challenges of the Future

Overall Expectations

By the end of this course, students will:

- identify and describe occupations for which they are well suited, taking into account their personal resources;
- demonstrate an understanding of how traditional forms of employment compare with various alternative forms;
- analyse how families are affected by global disparities in wealth and resources.

Understanding Global Resources

By the end of this course, students will:

- identify resources that influence the wealth or poverty of communities and



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nations (e.g., natural resources, agricultural yield, education);

- explain the impact that the availability of these resources has on family life.

3. Food and Nutrition Sciences, Grade 12, University/College Preparation

This course examines various nutritional, psychological, social, cultural, and global factors that influence people's food choices and customs. Students will learn about current Canadian and worldwide issues related to food, frameworks for making appropriate dietary choices, and food-preparation techniques. This course also refines students' skills used in researching and investigating issues related to food and nutrition.

Overall Expectations

By the end of this course, students will:

- identify the social, psychological, economic, emotional, cultural, religious, and physical factors that affect food choices;
- summarize food-related issues that arise throughout the life cycle;
- plan, perform, and present the results of an investigation into the nutritional status of Canadians.

4. Challenge and Change in Society, Grade 12, University/College

This course examines the theories and methodologies used in anthropology, psychology, and sociology to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will analyse cultural, social, and biological patterns in human societies, looking at the ways in which those patterns change over time. Students will also explore the ideas of classical and contemporary social theorists, and will apply those ideas to the analysis of contemporary trends.

Specific Expectations

By the end of this course, students will:

- analyse the ways in which ecological knowledge resulting from advances in technology (e.g., improved tools, irrigation systems) influences indigenous approaches to resource management and land tenure.

Canadian & World Studies:

1. Geography Grade 9

Geography is an integrative subject that brings a variety of perspectives, both social and physical, to the study of people, places, and environments around the world. Knowing where physical, social, or political events or processes occur helps students gain a spatial perspective on them. Understanding



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the processes that shape the earth and knowing how life forms interact with the environment allow them to view events from an ecological perspective. Historical and economic perspectives help students understand the relationship between people and their environments, as well as interactions that occur among groups of people.

As the world's economies become increasingly interdependent, as pressures on the world's resources mount, and as concerns about issues such as global warming, urbanization, and population growth escalate, people need to become geographically literate and able to make informed judgements about environmental and social issues. The Grade 9 Geography of Canada course provides students with a foundation in this essential area of learning.

Geographic Foundations: Space and Systems

Overall Expectations

By the end of this course, students will:

- describe the components and patterns of Canada's spatial organization;
- demonstrate an understanding of the regional diversity of Canada's natural and human systems;
- analyse local and regional factors that affect Canada's natural and human systems.

Human-Environment Interactions

Overall Expectations

By the end of this course, students will:

- explain the relationship of Canada's renewable and non-renewable resources to the Canadian economy;
- analyse the ways in which natural systems interact with human systems and make predictions about the outcomes of these interactions;
- evaluate various ways of ensuring resource sustainability in Canada.

2. Canadian History Since World War I, Grade 10, Academic

This course explores the local, national, and global forces that have shaped Canada's national identity from World War I to the present. Students will investigate the challenges presented by economic, social, and technological changes and explore the contributions of individuals and groups to Canadian culture and society during this period. Students will use critical-thinking and communication skills to evaluate various interpretations of the issues and events of the period and to present their own points of view.

3. Canadian and World Issues: A Geographic Analysis, Grade 12, University Preparation



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This course examines the global challenges of creating a sustainable and equitable future, focussing on current issues that illustrate these challenges. Students will investigate a range of topics, including cultural, economic, and geopolitical relationships, regional disparities in the ability to meet basic human needs, and protection of the natural environment. Students will use geotechnologies and skills of geographic inquiry and analysis to develop and communicate balanced opinions about the complex issues facing Canada and a world that is interdependent and constantly changing.

Geographic Foundations: Space and Systems

Overall Expectations

By the end of this course, students will:

- explain how the earth's natural and human systems are interconnected in multiple, complex ways;
- analyse the causes and effects of economic disparities around the world;
- compare the cultural, economic, and political aspirations of selected groups and the effects of their actions on local, national, and global geographic issues.

Human-Environment Interactions

Overall Expectations

By the end of this course, students will:

- analyse the impact of selected global trends on people and environments at the local, national, and global level;
- analyse geographic issues that arise from the impact of human activities on the environment in different regions of the world;
- evaluate approaches, policies, and principles relating to the protection and sustainability of the planet's life-support systems.

4. World Geography: Human Patterns and Interactions, Grade 12, University Preparation

This course examines how humans interact with their natural environments and with each other. Students will study the influence of spatial, political, economic, and social factors on settlement patterns, human migration, cultural change, globalization, and environmental trends. Students will use geotechnologies and skills of geographic inquiry and analysis to extend their knowledge of human geography and to identify and explain current trends and patterns, and predict future ones.

Human-Environment Interactions



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Overall Expectations

By the end of this course, students will:

- explain how humans have modified the natural environment to create particular landscapes;
- analyse the environments of urban areas to determine the effects on them of large-scale rural-to-urban migration;
- evaluate ways in which humans adapt or have adapted to the natural environment and natural phenomena.

5. The Environment and Resource Management, Grade 12, University/College Preparation

This course investigates the complexity and fragility of ecosystems and the pressures human activities place on them. Students will examine ecological processes, the principles of sustainability, and strategies for resource management, with a focus on the challenges of environmental degradation and resource depletion. Students will use geotechnologies and skills of geographic inquiry to explain and evaluate various approaches to achieving a more sustainable relationship between people and their environment.

Human-Environment Interactions

Overall Expectations

By the end of this course, students will:

- explain significant short-term and long-term effects of human activity on the natural environment;
- analyse and evaluate interrelationships among the environment, the economy, and society;
- analyse patterns of resource availability and use.

Understanding and Managing Change

Overall Expectations

By the end of this course, students will:

- evaluate the impact of economic, social, political, and technological change on natural and human systems;
- explain the purpose of environmental laws and regulations at the local, provincial, and national levels and evaluate their effectiveness over time;
- evaluate a variety of approaches to resolving environmental and resource management concerns on a local, regional, and national scale.

Sciences:



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1. Biology, Grade 11 University Preparation SBI3U

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.

Business:

1. Entrepreneurship: The Enterprising Person, Grade 11, Open

This course examines the importance of enterprising employees in today's changing business environment. Students will learn about the skills and attributes of enterprising employees, the distinguishing features of their work environments, and the challenges and rewards of becoming an enterprising person. Students will also have an opportunity to demonstrate and develop enterprising skills by planning and organizing a school or community event.

The Changing Nature of the Workplace

Overall Expectations

By the end of this course, students will:

- describe the major factors affecting the labour market;
- analyse the changing nature of work and the workplace;
- analyse the characteristics of work environments that promote enterprising behaviour and identify the factors that influence the creation of such an environment;
- demonstrate an understanding of the range of employability skills and how these are affected by the changing nature of work.

2. Marketing: Goods, Services, Events, Grade 11, College

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice.

Marketing Fundamentals

Overall Expectations

By the end of this course, students will:



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- describe the process by which goods and services are exchanged;
- explain how marketing influences consumers and competition;
- demonstrate an understanding of the importance of marketing research to a business and how information technology can be used to obtain and analyse marketing-related information;
- analyse marketing strategies used by organizations in the not-for-profit sector;
- compare the factors that influence marketing methods and activities in the global economy.