STON 2			Health Education Grades 6 or 7
			Unit #1
Course/Subject:	Grade:	Body Systems	Suggested Timeline:
Health Education	6th - 7th		6 classes

Grade Level Summary	The middle school health education curriculum is an integral part of the sequential K-12 health education curriculum. The concepts addressed in the combined sixth grade/seventh grade curriculum, in conjunction with those taught in 5th grade, strive to meet the required 6th grade academic standards. The focus is to introduce 6th/7th grade to a variety of health concepts necessary for students to develop health-related knowledge, attitudes, behaviours, and skills related to physical, mental/emotional, and social health in order to achieve and maintain a healthy lifestyle.
Grade Level Units	Unit 1: Body Systems Unit 2: Personal Health Care Unit 3: Drugs Education Unit 4: Growth & Development Unit 5: Human Diseases Unit 6: Safety

Unit Title	Body Systems
Unit Summary	The Body Systems unit will give students the opportunity to review and build upon prior knowledge obtained from 5th grade related to the structure and functioning of major body systems. Students will examine anatomy locations, functions, interactions, and relationships amongst the body systems, common problems and ways to care for each body system.

Unit Essential Questions:	Key Understandings:
1. What are the names, locations, and functions of cells,	1. Recognize and describe structure and functions of body
organs, and body systems?	systems.
2. What are common problems and ways to care for body	2. Explain common problems and analyze ways to care for body
systems?	systems.

Focus Standards Addressed in the Unit:		
10.1.6.C	Analyze nutritional concepts that impact health	
10.2.6.A	Explain the relationship between personal health practices and individual well-being	

Important Standards Addressed in the Unit:		
10.1.6.B	Identify and describe the structure and function of the major body systems	

Misconceptions:	Proper Conceptions:
 All cells, connective tissues, and muscles are all the same. The difference between vessels (e.g. arteries, veins) Veins are blue Blood is simply made up of red blood cells Lungs control breathing Stretching should be done before exercise 	 Cells, connective tissues, and muscles, can be of differentiating size, appearance, and function. Arteries carry blood away from the heart and vessels return blood to the heart. Some vessels appear blue because of the wavelength of light reflected back to the eye. Blood is made up of several components (e.g. plasma, red blood cells, white blood cells.) The diaphragm muscle controls the depth in which lungs inhale and exhale. Stretching should be done during and after exercise to prevent injury.

Knowledge & Concepts	Skills & Competencies	Dispositions & Practices
• Students will be able to recognize basic anatomy location and functions.	• Students will be able to demonstrate relationships and interactions amongst body systems.	• Students will be able to predict problems and propose ways to care for body systems.

Academic Vocabulary:

• Brain	Artery	Trachea
• Spinal cord	Blood pressure	Aveoli
Nerves	• Urine	Bronchial
• Reflex	Kidneys	• Inhale/exhale
• White blood cell	• Esophagus	• Joint
• Red blood cells	• Stomach	• Tendon
• Vein	• Intestine	• Ligament
Circulatory system	Diaphragm	• Contract
• Digestive system	Respiratory system	• Voluntary/ involuntary muscle
• Excretory system	Nervous system	• Skeletal system
		• Muscular system

Assessments:

• A combination of a formative lab experience,, formative performance tasks, summative formal exam

Differentiation:

- Adaptations include providing vocabulary word banks and/or lesser/alternative scenarios/questions during various assessments.
- Extensions include providing challenging scenarios/questions during various assessments.
- Continuously adjusting lessons/assessments to meet students' needs.

Interdisciplinary Connections:

- 3.3.7.B (Science) Describe the cell as the basic structural and functional unit of living things
- 3.3.7.C (Science) Know that every organism has a set of genetic instructions that determines its inherited traits

Additional Resources:

- Teen Health
- BrainPop
- Internet

Created By: Amanda Wiser

S(B)3			Health Education Grades 6 or 7
			Unit #2
Course/Subject: Health Education	Grade: 6th - 7th	Personal Health Care	Suggested Timeline: 8 classes

Grade Level Summary	The middle school health education curriculum is an integral part of the sequential K-12 health education curriculum. The concepts addressed in the combined sixth grade/seventh grade curriculum, in conjunction with those taught in 5th grade, strive to meet the required 6th grade academic standards. The focus is to introduce 6th/7th grade to a variety of health concepts necessary for students to develop health-related knowledge, attitudes, behaviors, and skills related to physical, mental/emotional, and social health in order to achieve and maintain a healthy lifestyle.
Grade Level Units	Unit 1: Body Systems Unit 2: Personal Health Care Unit 3: Drugs Education Unit 4: Growth & Development Unit 5: Human Diseases Unit 6: Safety

Unit Title	Personal Health Care
Unit Summary	The Personal Health Care unit will allow students to enhance one's own hygiene by identifying basic structures and functions of body parts. Students will hypothesize cause and effects of poor behaviour on hygiene, draw conclusions to develop healthy personal care practices that promote health, and reduce the risk of medical problems.

Unit Essential Questions:	Key Understandings:
1. What are the basic structures of the eye, ear, tooth, and skin	1. Recognize and describe structure and functions of eye, ear,
and how do they function?	tooth, and skin.
2. How can poor behaviours cause health problems?	2. Assess poor behaviors and cite evidence that causes common
3. What personal care practices will help keep the body	problems.
healthy?	3. Formulate ways to care for and maintain appropriate hygiene.

10.1.6.B	Identify and describe the structure and function of the major body systems
10.2.6.A	Explain the relationship between personal health practices and individual well-being:practices which care for body systems
10.1.6.E	Identify health problems that occur throughout life and describe ways to prevent them
10.2.6.A	Explain the relationship between personal health practices and individual well-being

Focus Standards Addressed in the Unit:

Important Standards Addressed in the Unit:	
10.1.6.C	Analyze nutritional concepts that impact health
10.2.6.E	Analyze environmental factors that impact health
10.4.6.B	Explain the effects of regular participation in physical activities on body systems.

Misconceptions:		Pro	Proper Conceptions:	
1.	Wax in the ear is dirty	1.	Ear wax is your body's way of protecting the ear	
2.	Use a qtip the clean the ear wax	2.	Proper ways to clean ears include using wet washcloth to	
3.	Loud music does not cause long-term effects		clean the exterior of the ear	
4.	Eyes change color	3.	Loud music and any loud noises over 85 decibels can damage	
5.	Sugar causes cavities		the ear and cause hearing loss	
6.	If a person never burns, they do not need to apply sunscreen or sunblock	4.	Eyes can appear darker or brighter due to the amount of melanin produced in the body	
7.	Acne only appears if the skin is dirty	5.	Sugar, mixed with bacteria in the mouth can create acid	
8.	Sweat has a foul odor		eroding tooth decay, leading to cavities	
		6.	Damage to the skin can still occur without a burn	
		7.	Acne can occur for a number of reasons, including hereditary	
			factors or hormones	
		8.	Sweat in conjunction with bacteria cause body odor	

Knowledge & Concepts	Skills & Competencies	Dispositions & Practices
• Students will be able to recognize basic anatomy location and functions to further enhance personal health care	• Students will be able to hypothesize relationships and interactions amongst body parts and overall health	• Students will be able to predict problems and propose ways to care for body parts to promote healthy behaviors and reduce the risk of health problems

Academic Vocabulary:

• Hygiene	• Plaque	Farsightedness/nearsightedness
• Epidermis/dermis	Cavity	 Optometrist
 Subcutaneous layer 	Gingivitis	Pupil
Ance	• Fluoride	Cornea
• Dermatologist	Orthodontist	Iris
Melanin	Crown	• Lens
Dandruff	• Neck	• Retina
Ear bones	• Root	• Optic nerve
Cochlea	• Enamel	• Eardrum
Tinnitus	• Dentin	• Pulp

Assessments:

• A combination of a formative lab experience, formative performance tasks, summative formal exam

Differentiation:

- Adaptations include providing vocabulary word banks and/or lesser/alternative scenarios/questions during various assessments.
- Extensions include providing challenging scenarios/questions during various assessments.
- Continuously adjusting lessons/assessments to meet students' needs.

Interdisciplinary Connections:

- 3.3.7.B (Science) Describe the cell as the basic structural and functional unit of living things
- 3.3.7.C (Science) Know that every organism has a set of genetic instructions that determines its inherited traits
- 3.4.7.A (Sciene) Describe concepts about the structure and properties of matter

Additional Resources:

- Teen Health
- BrainPop
- Internet

Created By:

Amanda Wiser

E E E			Health Education Grades 6 or 7
			Unit #3
Course/Subject:	Grade:	Drug Education	Suggested Timeline:
Health Education	6th - 7th		7 classes

Grade Level Summary	The middle school health education curriculum is an integral part of the sequential K-12 health education curriculum. The concepts addressed in the combined sixth grade/seventh grade curriculum, in conjunction with those taught in 5th grade, strive to meet the required 6th grade academic standards. The focus is to introduce 6th/7th grade to a variety of health concepts necessary for students to develop health-related knowledge, attitudes, behaviours, and skills related to physical, mental/emotional, and social health in order to achieve and maintain a healthy lifestyle.
Grade Level Units	Unit 1: Body Systems Unit 2: Personal Health Care Unit 3: Drugs Education Unit 4: Growth & Development Unit 5: Human Diseases Unit 6: Safety

Unit Title	Drugs
Unit Summary	The Drug unit is an introductory course related to drug education and prevention. This unit gives students the opportunity to review and build upon prior knowledge obtained from 5th grade related to how drugs can impose harm. In addition, students will deceiver between different types of drugs, drug effects, and drug prevention. Helpful drugs (e.g. medicines) are also examined in the Drug unit. Students will learn about different types of medicines, how they affect the body, and how to use medicines safely.

Unit Essential Questions:	Key Understandings:
 What are the different types of drugs? How can drugs impact a person and/or society? What harmful ingredients are found in drugs? 	 Categorize drugs according to type including how they enter the body Describe causes and effects of drug use, why a person decides to use drug(s), and develop methods to deter drug use Identify common themes amongst harmful ingredients found in drugs to compare and contrast their similarities and differences

Focus Standards Addressed in the Unit:		
10.1.3.D	Know age appropriate drug information	
10.1.6.D	Explain factors that influence childhood and adolescent drug use	
10.1.6.E.	Identify health problems that can occur throughout life and describe ways to prevent them	

Important Standards Addressed in the Unit:		
10.2.6.D	Describe and apply the steps of decision-making process to health and safety issues	

Misconceptions:		Proper Conceptions:		
1. 2. 3.	All drugs are bad A person can stop using drugs whenever they want Electronic cigarettes or marijuana are safer than cigarettes	1. 2. 3.	Some drugs, like medicines, and designed to prevent or cure disease or ease it's symptoms when used appropriately. Many drugs are either psychologically or physically addictive, or sometimes even both, therefore the user cannot easily quit. Electronic cigarettes and marijuana still contains harmful ingredients when compared to tobacco	

Knowledge & Concepts	Skills & Competencies	Dispositions & Practices
• Students will be able to categorize drugs according to type and how they enter the body.	• Students will be able to compare and contrast common themes amongst drug ingredients and formulate how they affect health.	• Students will be able to predict why a person uses drugs and propose ways to deter illegal or harmful drug use.

Drug	 Inhalant 	• Tar
Drug misuse	• Formaldehyde	Nicotine
Drug abuse	 Prescription 	Carbon monoxide
Addiction	• Over-the-counter	Tobacco
Side effect	Medicine	Electronic cigarette

Assessments:

• A combination of a formative lab experience, formative research, formative brochure/poster, formative performance tasks, summative formal exam

Differentiation:

- Adaptations include providing vocabulary word banks and/or lesser/alternative scenarios/questions during various assessments.
- Extensions include providing challenging scenarios/questions during various assessments.
- Continuously adjusting lessons/assessments to meet students' needs.

Interdisciplinary Connections:

- 3.8.7.A (Science) Explain how sciences and technologies are limited in their effects and influences on society.
- 3.8.7.B (Science) Explain how human ingenuity and technological resources satisfy specific human needs and improve the quality of life.

Additional Resources:

- Teen Health
- BrainPop
- Internet

Created By: Amanda Wiser

STED 2			Health Education Grades 6 or 7
			Unit #4
Course/Subject:	Grade:	Growth & Development	Suggested Timeline:
Health Education	6th - 7th		6 classes

Grade Level Summary	The middle school health education curriculum is an integral part of the sequential K-12 health education curriculum. The concepts addressed in the combined sixth grade/seventh grade curriculum, in conjunction with those taught in 5th grade, strive to meet the required 6th grade academic standards. The focus is to introduce 6th/7th grade to a variety of health concepts necessary for students to develop health-related knowledge, attitudes, behaviours, and skills related to physical, mental/emotional, and social health in order to achieve and maintain a healthy lifestyle.
Grade Level Units	Unit 1: Body Systems Unit 2: Personal Health Care Unit 3: Drugs Education Unit 4: Growth & Development Unit 5: Human Diseases Unit 6: Safety

Unit Title	Growth & Development
Unit Summary	The Growth & Development unit will introduce students to the complex stages of the life cycle including the physical, social, and mental/emotional changes; while focusing on the adolescent stage and puberty. Students will examine anatomy locations, functions, and interactions of the reproductive system and endocrine system.

Unit Essential Questions:	Key Understandings:
 What are the names, locations, relationships and functions of cells, organs, and body systems? How do humans change and develop throughout the stages 	 Recognize and describe structure, functions, and relationships of body systems. Compare and contrast differences amongst developmental
of life?	stages of life and influences during the processes.
3. Why & how does puberty occur?	3. Interpret reproductive and genetic concepts that promote growth, development, and maturing of humans from one developmental life cycle to the next.

Focus Standards Addressed in the Unit:			
10.1.3.AIdentify and describe the stages of growth and development			
10.1.6.A Describe growth and development stages that occur between childhood and adolescence a identify factors that can influence these changes			
10.1.6.BIdentify and describe the function of major body systems			

Important Standards Addressed in the Unit:

10.2.6.A

Explain the relationship between personal health practices and individual well-being:practices which care for body systems

Misconceptions:		Pro	Proper Conceptions:	
1.	The fetus grows and develops in a mother's stomach	1.	A fetus grows and develops inside the mother's uterus which	
2.	Everyone goes through puberty at the same age		pushes into the abdominal cavity	
3.	All adults will have children or experience pregnancy	2.	Boys and girls go through puberty during adolescence which	
4.	There are only one type of twins		can vary for each person	
5.	Nocturnal emissions is urine exiting the penis	3.	Although beginning a family may be part of adulthood, not	
6.	Adolescence is a time when a person's body physically		all women will experience pregnancy. Successful	
	matures and develops		fertilization needs to occur between a sperm cell and egg cell.	
7.	The menstrual cycle is bleeding of the vagina that	4.	There are two types of twins; identical and fraternal	
	occurs every month during puberty	5.	During nocturnal emissions, semen is released	
		6.	Although adolescence is a time when the body physically	
			matures and develops, it is also a time when a person also	
			experiences mental/emotional and social changes. All these	
			changes take place to prepare a person in producing children	
			during adulthood.	
		7.	The menstrual cycle is an indicator of puberty amongst	
			females which means the ovaries have begun releasing an egg	
			cell approximately every 28 days. When that egg cell is not	
			fertilized, uterine lining sheds, marking the onset of the	
			menstrual cycle.	

Knowledge & Concepts	Skills & Competencies	Dispositions & Practices
• Students will be able to recognize basic anatomy location and functions.	• Students will be able to differentiate changes and similarities amongst body systems in males versus females along with progressions in life cycles.	• Students will be able to predict changes they will experience, propose ways to care for body systems, and critique oneself maturity.

Adolescence	Fertilization	• Fetus
Puberty	Ovaries	Developmental task
Hormones	• Uterus	Vagina
Sperm	Ovulation	Penis
Testes	Menstruation	Gynecologist
Semen	Fallopian tubes	• Egg cell
Nocturnal emission	• Scrotum	Reproductive system
Glands	• Urethra	Endocrine system

Assessments:

Academic Vocabulary:

• A combination of a formative lab, formative performance tasks, summative formal written exam

Differentiation:

- Adaptations include providing vocabulary word banks and/or lesser/alternative scenarios/questions during various assessments.
- Extensions include providing challenging scenarios/questions during various assessments.
- Continuously adjusting lessons/assessments to meet students' needs.

Interdisciplinary Connections:

- 3.3.7.B (Science) Describe the cell as the basic structural and functional unit of living things
- 3.3.7.C (Science) Know that every organism has a set of genetic instructions that determines its inherited traits

Additional Resources:

- Teen Health
- BrainPop
- Internet

Created By:

Amanda Wiser

5 6 2			Health Education Grades 6 or 7
			Unit #5
Course/Subject:	Grade:	Human Diseases	Suggested Timeline:
Health Education	6th - 7th		6 classes

Grade Level Summary	The middle school health education curriculum is an integral part of the sequential K-12 health education curriculum. The concepts addressed in the combined sixth grade/seventh grade curriculum, in conjunction with those taught in 5th grade, strive to meet the required 6th grade academic standards. The focus is to introduce 6th/7th grade to a variety of health concepts necessary for students to develop health-related knowledge, attitudes, behaviours, and skills related to physical, mental/emotional, and social health in order to achieve and maintain a healthy lifestyle.	
Grade Level Units	Unit 1: Body Systems Unit 2: Personal Health Care Unit 3: Drugs Education Unit 4: Growth & Development Unit 5: Human Diseases Unit 6: Safety	

Unit Title	Diseases
Unit Summary	The Disease unit will give students the opportunity to review and build upon prior knowledge obtained from 5th grade related to the various types of communicable/noncommunicable diseases. In addition, students will examine the development diseases, the immune system, reducing the risk and recovering from, recognizing warning signs/symptoms, and other various factors that contribute the the risk of developing disease(s).

Unit Essential Questions:	Key Understandings:
 What is a communicable and noncommunicable disease? How do communicable diseases spread? 	1. Define the difference between a communicable and noncommunicable disease.
3. What are common diseases?	 Analyze and advocate ways to prevent the spread of communicable diseases. Identify and describe common diseases, their signs/symptoms, ways to treat, manage, or prevent.

Focus Standards Addressed in the Unit:	
10.2.9.E	Explain the interrelationship between the environment and personal health
10.1.9.E	Analyze how personal choice, disease, and genetics impact health maintenance and disease prevention

Important Standards Addressed in the Unit:	
10.1.9. A	Analyze factors that impact growth and development between adolescence and adulthood

Analyze the effects of regular participation in moderate to vigorous physical activities in relation to adolescent health improvement

Mis	conceptions:	Pro	oper Conceptions:
1. 2. 3. 4.	Diseases like the common cold and the flu are the same for everyone Vaccinations give patients the disease All diseases can be spread from person to person Only medicine can treat/manage diseases	1. 2. 3. 4.	There are various strains of the common cold and influenza, therefore the virus can impact people in various ways and occurrences from year to year. Vaccines are composed of a dead or weakened pathogen the merely introduces itself to the immune system to create an immune response. Communicable diseases can be spread from a person from another person, animal, insect, or object while non-communicable cannot spread in the same ways. There are other ways to treat/manage some illnesses such as adequate amounts of rest, hydration, and nutrition.

Knowledge & Concepts	Skills & Competencies	Dispositions & Practices
• Students will be able to define the difference between communicable and noncommunicable diseases.	• Students will be able to investigate signs/symptoms of communicable and noncommunicable diseases, ways they are spread/obtained, and ways to prevent, treat, and/or manage.	• Students will be able to advocate ways to prevent common diseases.

Academic Vocabulary:

•	Communicable disease	• Influenza	• Lyme disease
٠	Pathogens	 Mononucleosis 	 Noncommunicable disease
٠	Immune system	Hepatitis	• Allergy
•	Antibodies	 Tuberculosis 	• Asthma
•	Immunity	Pneumonia	Common Cold
٠	Vaccine	• Strep throat	Antibiotics

Assessments:

• A combination of a formative lab experience, formative research, formative brochure/poster, formative performance tasks, summative formal exam

Differentiation:

- Adaptations include providing vocabulary word banks and/or lesser/alternative scenarios/questions during various assessments.
- Extensions include providing challenging scenarios/questions during various assessments.
- Continuously adjusting lessons/assessments to meet students' needs.

Interdisciplinary Connections:

- 3.1.7.B (Science) Describe the use of models as an application of scientific or technological concepts
- 3.3.7.B (Science) Describe the cell as the basic structural and functional unit of living things
- 3.3.7.C (Science) Know that every organism has a set of genetic instructions that determines its inherited traits

Additional Resources:

- Teen Health
- BrainPop

• Internet

Created By: Amanda Wiser

S (3) 3			Health Education Grades 6 or 7
			Unit #6
Course/Subject:	Grade:	Safety	Suggested Timeline:
Health Education	6th - 7th		7 classes

Grade Level Summary	The middle school health education curriculum is an integral part of the sequential K-12 health education curriculum. The concepts addressed in the combined sixth grade/seventh grade curriculum, in conjunction with those taught in 5th grade, strive to meet the required 6th grade academic standards. The focus is to introduce 6th/7th grade to a variety of health concepts necessary for students to develop health-related knowledge, attitudes, behaviors, and skills related to physical, mental/emotional, and social health in order to achieve and maintain a healthy lifestyle	
Grade Level Units	Unit 1: Body Systems Unit 2: Personal Health Care Unit 3: Drugs Education Unit 4: Growth & Development Unit 5: Human Diseases Unit 6: Safety	

Unit Title	Safety
Unit Summary	The Safety unit paints a big picture for students about being safety conscious; meaning being aware of the importance of safety acting safely in various circumstances. Students will examine different types of disasters, emergencies, and hazards and determine how to prepare or respond to them.

ey Understandings:
Distinguish between ways to prepare or respond to various
events.
Draw conclusions and construct safety procedures and
behaviours.
I e I

Focus Standards Addressed in the Unit:

10.3.6.A

Explain and apply safe practices in the home, school, and community

Misconceptions:	Proper Conceptions:
 A storm watch and warning are the same During a fire, I need to save as many things as I can. 	 A storm watch indicates conditions may lead to the development of a storm, while a warning indicates the storm is already occurring. During a fire, the best course of action is to leave quickly.

Knowledge & Concepts	Skills & Competencies	Dispositions & Practices
• Students will be able to identify the difference between a disaster, emergency, and hazard.	• Students will be able to formulate ways to prepare and ways to respond during various events.	• Students will be able design and apply concepts related to safety consciousness by constructing personal safety procedures.

Academic Vocabulary:

Disaster
 Emergency
 Storm warning
 Safety conscious
 Storm watch

Assessments:

• A combination of a formative lab experience, formative performance tasks, summative formal written exam

Differentiation:

- Adaptations include providing vocabulary word banks and/or lesser/alternative scenarios/questions during various assessments.
- Extensions include providing challenging scenarios/questions during various assessments.
- Continuously adjusting lessons/assessments to meet students' needs.

Interdisciplinary Connections:

- 3.5.7.A (Science) Describe earth's features and processes.
- 3.5.7.C (Science) Describe basic elements of meteorology.
- 3.5.7.D (Science) Explain the behavior and impact of the earth's water systems.

Additional Resources:

- Teen Health
- BrainPop
- Internet
- American Red Cross

Created By:

Amanda Wiser