



BIBLE

RESOURCES: CSI - *A Light to the Gentiles*, PACS - various units

ASSESSMENT AND EVALUATION:

- Observation
- Daily Work
- Skits
- Class Discussions
- Assignments
- Quizzes
- Tests
- Memory Work Quizzes

SEPTEMBER-NOVEMBER

Moving Mountains, Walking on Water (PACS)

Unit Goals - Students Will:

- Understand the nature of faith
- Understand the interplay between doubt and faith
- Become familiar with Biblical heroes of faith
- Become familiar with contemporary heroes of faith
- Understand how faith grows and flourishes
- Identify where they are on their faith journey

DECEMBER-JANUARY

Every Bit of Who You Are (PACS)

Where in the world is God?
 Whining Habakkuk
 Is death the greatest evil?
 Woe, woe, woe
 In the Rear view mirror
 Who am I? Self-identity in my culture
 Who are my fellow travelers? Self-identity in community
 To whom do I belong? Self-identity in God
 What does the Lord require of you?

FEBRUARY-MARCH

The Story of Esther

May I Introduce You To ...
 A Faithful Life
 Being True to Who You Are
 Living in an Unfaithful World and I am a Faithful Girl
 When is Too Much, Too Much?
 Armed for the Fight (Part 1 & 2)
 Lousy Leadership
 Marvelous Monarch
 Just and Unjust Laws
 He Moves in Mysterious Ways
 Extreme Circumstances
 Luck is What a Rock Dreams About When It's Asleep
 Is God Always Present
 The Ultimate Provision
 The Upside-Down Kingdom
 God's Unlikely Candidates
 Work Like it All Depends on You: Pray Like it All Depends on Him
 Why Was I Born into This Present Time?
 See What He's Done



BIBLE - Continued

RESOURCES: CSI - *A Light to the Gentiles*, PACS - *various units*

<p>APRIL <u>Unit 5 - Resurrection and Ascension</u> Brief Summary of the Gospels and the Passion The Empty Tomb Power for Living Open Minds, Open Hearts Doubt and Faith Resurrection Appearance in Galilee Mission Possible Going Away to Come Closer</p>	<p>MAY-JUNE <u>Unit 7 - Expanding the Church</u> A New Stage In Mission Launching Out in Faith Penetrating Galatia Trouble In Galatia Freedom In Christ The Jerusalem Council The Gentile Mission Continues The Spirit Leads On Letters To Thessalonica Paul In Ephesus A Letter To The Corinthians What's Most Important? To Live Again A Riot And Another Letter Letter To The Romans More On The Romans The Road To Jerusalem</p>	<p>THROUGHOUT THE YEAR <u>Upon this Rock (PACS)</u> <ul style="list-style-type: none"> various lessons from this unit. </p>



ART		
RESOURCES: OCS Art Program by Mrs. Martha Muntz, Various written resources in the library		
ASSESSMENT AND EVALUATION:		
<ul style="list-style-type: none"> • Participation • Observation • Daily Work • Sketches • Finished Products • Tests 		
SEPTEMBER Introduction to Art Composition and the Elements of Art Principles of Design Note: Throughout the year, students will be sketching objects, landscapes, still lifes, and the human form.	OCTOBER Composition - Peace Posters = Repetition and Formal Balance Drawing/Sketching	NOVEMBER Graphic Design - Garfield Posters = Distortions - Proportion - this dovetails with the unit on newspapers and other media
DECEMBER Illustration of a Children's Story	JANUARY Illustrating poetry = Choose media, subjects, and the elements to express a mood or feeling - integrates with <i>Birches and Bear Claws</i> poetry unit	FEBRUARY Cut Paper Collage = Pattern & Rhythm
MARCH Photography= Composition	APRIL Sculpture	MAY Group of Seven - visit to McMichael Gallery <ul style="list-style-type: none"> • Reproduction of a Group of Seven Work • Emphasis and Informal Balance
JUNE Landscape sketching Chalk Pastel landscape		



MUSIC

RESOURCES:

ASSESSMENT AND EVALUATION:

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SEPTEMBER	OCTOBER	NOVEMBER
DECEMBER	JANUARY	FEBRUARY
MARCH	APRIL	MAY
JUNE		



LANGUAGE STUDIES
SELF-SELECTED READING
Students are given time every day to read self-selected novels. The majority of days, this means reading fiction. Many titles have quizzes that students can take on the Accelerated Reader program. Students will be given goals and expectations that need to be met. Once a week, students visit the library to borrow literature of their choice.
ASSESSMENT AND EVALUATION: <ul style="list-style-type: none"> • Personal reading goals and goal-achievement • Accelerated Reading Quizzes • Observation • Book Reports
GUIDED READING
A variety of teaching methods will be employed. The following are some examples: teacher-led whole class activities, small group activities, literature circles, and individual activities. A good resource for guided reading is “The Teacher’s Guide to the Four Blocks”.
ASSESSMENT AND EVALUATION: <ul style="list-style-type: none"> • Participation and Observation • Written and Creative Responses • Class Discussions and Oral Responses • Assignments • Quizzes • Tests
RESOURCES: Decisions (OACS) Birches and Bearclaws (OACS) In Tune (OACS) - media Connections (OACS) - drama Current Events - What in the World (LesPlan)
RESOURCES:NOVEL STUDIES <ul style="list-style-type: none"> • Holes - Louis Sachar • The Outsiders - S.E. Hinton • Canadian Historical Novels • Swords into Plowshares



LANGUAGE STUDIES	
GUIDED READING	
SKILLS TAUGHT AND REVIEWED AT THE GRADE SEVEN LEVEL	
<p>COMPREHENSION</p> <ul style="list-style-type: none"> • finds main ideas • finds details • organizes and summarizes • recalls facts • recognizes sequence • reads for information • classifies ideas • detects the mood of a situation • draws conclusions • forms judgments • makes inferences • predicts outcomes • sees cause-and-effect • solves problems • distinguishes fact, value, opinion, influence, fantasy, and bias • interprets ideas • forms opinions and generalizes • perceives related ideas • understands character • understands imagery • determines relevancy of facts • understands relationship of paragraphs in an article • judges validity of facts • Follows printed directions • Skims for purpose • Appreciates literary style • Interprets printed comprehension questions accurately • Discerns appropriate content for personal reading • Recognizes the various literary genres of the Bible 	<p>CONTENT</p> <ul style="list-style-type: none"> • Recognizes: <ul style="list-style-type: none"> ○ types of poetry, including poetry in the Bible ○ drama ○ autobiography ○ fiction (science fiction, fantasy, comedy/humour, mystery, drama) ○ fact (newspaper, reading graphs, charts, maps, pictures, true stories) <p>RECOGNIZES AUTHOR'S:</p> <ul style="list-style-type: none"> • Point of view <ul style="list-style-type: none"> ○ first person narrative ○ third person limited ○ third person omniscient <p>RECOGNIZES ELEMENTS OF A STORY</p> <ul style="list-style-type: none"> • setting and mood • plot development • story climax • denouement/resolution • story theme • conflict <p>RECOGNIZES LITERARY TECHNIQUES</p> <ul style="list-style-type: none"> • flashback technique • poetic language • exaggeration • imagery • alliteration • comparisons: simile, metaphor, personification • rhyme and rhythm



LANGUAGE STUDIES	
GUIDED READING	
SKILLS TAUGHT AND REVIEWED AT THE GRADE EIGHT LEVEL	
<p>COMPREHENSION</p> <ul style="list-style-type: none"> • finds main ideas • finds details • organizes and summarizes • recalls facts • recognizes sequence • reads for information • classifies ideas • detects the mood of a situation • draws conclusions • forms judgments • makes inferences • predicts outcomes • sees cause-and-effect • solves problems • distinguishes fact, value, opinion, influence, fantasy, and bias • Discriminate between fact and fiction • forms opinions and generalizes • perceives related ideas • understands character • understands imagery • determines relevancy of facts • understands relationship of paragraphs in an article • Follows printed directions • Skims for purpose • Appreciates literary style • Interprets printed comprehension questions accurately • Discerns appropriate content for personal reading • Recognizes the various literary genres of the Bible 	<p>CONTENT</p> <ul style="list-style-type: none"> • Recognizes: <ul style="list-style-type: none"> ○ types of poetry, including poetry in the Bible ○ drama ○ autobiography ○ fiction (science fiction, fantasy, comedy/humour, mystery, drama) ○ fact (newspaper, reading graphs, charts, maps, pictures, true stories) <p>RECOGNIZES AUTHOR'S:</p> <ul style="list-style-type: none"> • Style • Point of view <ul style="list-style-type: none"> ○ first person narrative ○ third person limited ○ third person omniscient • Motives <p>RECOGNIZES ELEMENTS OF A STORY</p> <ul style="list-style-type: none"> • setting and mood • plot development • story climax • denouement/resolution • story theme • conflict • judges validity of facts <p>RECOGNIZES LITERARY TECHNIQUES</p> <ul style="list-style-type: none"> • flashback technique • poetic language • exaggeration • imagery • alliteration • comparisons: simile, metaphor, personification • rhyme and rhythm • juxtaposition



LANGUAGE STUDIES		
GUIDED READING		
ASSESSMENT AND EVALUATION: <ul style="list-style-type: none"> • Participation and Observation • Written and Creative Responses • Class Discussions and Oral Responses • Assignments • Quizzes • Tests 		
<p>SEPTEMBER <u><i>Decisions Reader</i></u></p> <p>Recognizes Elements of a Story</p> <ul style="list-style-type: none"> • setting and mood • plot development • story climax • denouement/resolution • story theme • conflict • Interprets printed comprehension questions accurately • Foreshadowing 	<p>OCTOBER <u><i>Decisions Reader</i></u></p> <p>Recognizes Author's:</p> <ul style="list-style-type: none"> • Point of view <ol style="list-style-type: none"> 1. first person narrative 2. third person limited 3. third person omniscient <p>Appreciates literary style</p> <p><u><i>Outsiders Novel Study</i></u></p> <ul style="list-style-type: none"> • finds main ideas finds details • organizes and summarizes • recalls facts recognizes sequence • draws conclusions forms judgments • makes inferences predicts outcomes • sees cause-and-effect 	<p>NOVEMBER-DECEMBER <u><i>Holes Novel Study</i></u></p> <ul style="list-style-type: none"> • detects the mood of a situation • solves problems • interprets ideas • forms opinions and generalizes • perceives related ideas • understands character • Follows printed directions • Skims for purpose <p><u><i>Bible Class</i></u> Recognizes the various literary genres of the Bible</p>



LANGUAGE STUDIES		
GUIDED READING - Continued		
<p>JANUARY - FEBRUARY <u><i>Birches & Bearclaws</i></u></p> <p>Recognizes Literary Techniques</p> <ul style="list-style-type: none"> • poetic language • exaggeration imagery • alliteration personification • comparisons: simile, metaphor, rhyme and rhythm • understands imagery • Recognizes: <ul style="list-style-type: none"> ○ types of poetry, including poetry in the Bible 	<p>FEBRUARY - MARCH <u><i>In Tune Media Unit</i></u></p> <ul style="list-style-type: none"> • Recognizes: <ul style="list-style-type: none"> ○ fact (newspaper, reading graphs, charts, maps, pictures, true stories) • reads for information • classifies ideas • distinguishes fact, value, opinion, influence, fantasy, and bias • Book Report Assignment • Discerns appropriate content for personal reading • judges validity of facts 	<p>APRIL <u><i>Connections</i></u></p> <ul style="list-style-type: none"> • Recognizes: • drama <p><u><i>Written Project - Geography</i></u></p> <ul style="list-style-type: none"> • determines relevancy of facts • understands relationship of paragraphs in an article
<p>MAY - JUNE <u><i>Decisions Reader</i></u> <u>Recognizes:</u></p> <ul style="list-style-type: none"> • Autobiography fiction (science fiction, fantasy, comedy/humour, mystery, drama) 		



LANGUAGE STUDIES
BOOK REPORTS
Students are required to complete at least three book reports per year including a report on a biographical novel. Requirements include using the elements of story to summarize the novels. Students are encouraged to complete their book reports in a variety of creative ways.
THE WRITING BLOCK
RESOURCES:
ASSESSMENT AND EVALUATION - WRITING: <ul style="list-style-type: none"> • Drafts • Published Work • Observation
ASSESSMENT AND EVALUATION- GRAMMAR: <ul style="list-style-type: none"> • Daily work • Written quizzes/tests • Observation • Assignments
CREATIVE WRITING: Students will have models of good writing and good writing techniques. They will receive explicit, direct instruction in context of real writing. The models come from teacher's own writing, other authors, or the students' writing. There is always a pre-writing activity: a mental exercise, a jot-list or brainstorming, clustering of ideas, graphic organizers. An editor's checklist will be available in the classroom for students to use. In some writing blocks, there will be a mini-lesson. These include the procedures for writing, the grammar and usage, the types of writing. The model lesson is 10 to 15 minutes (maximum). The more technical aspects of writing, beyond the defined curriculum and beyond what most students are ready for, are the lessons taught individually to students during their conference times. The students will do lots of writing. No one is ever finished. As soon as one piece is completed, the task is to begin another or to return to an earlier piece to refine it. The writing will be kept in a writing folder. Students will also frequently use self-select topics. There are days that student do focused writing (teacher-directed). The Stages of the Writing Process and The 6 Traits of Good Writing are stressed throughout the year.
Students will achieve the following in their writing portfolios: at least 6 partial or complete short stories, a collection of original poems, a friendly letter. Students will share their creative writing with the class through the author's chair format. Students will also develop proof reading skills and critical evaluating skills through peer and teacher conferencing.
EXPOSITORY WRITING: During the history units students will receive direct teaching on creating an essay, including note taking in outline form, paragraph writing, writing introductions and conclusions, and writing in a logical and persuasive manner. Students will complete at least two essays of 700 words or more during the year with a variety of writing assignments given across the curriculum.



LANGUAGE STUDIES

THE WRITING BLOCK - Continued

RESOURCES:

- **Prewriting**
 1. Reading
 2. Discussing
 3. Planning
 4. Brainstorming
 5. Select
 - purpose
 - audience
 - format
- **Composing**
- **Revising, Editing, Proofreading**
- **Conferencing**
- **Writing The Final Draft**
- **Sharing**

THE SIX TRAITS OF GOOD WRITING

- Conventions
- Voice
- Organization
- Ideas
- Word Choice
- Sentence Fluency



LANGUAGE STUDIES		
GRAMMAR AND WRITING SKILLS		
RESOURCES: Prentice Hall - <i>Language Works 8 & 9</i> , Gage - <i>The Canadian Spelling Program 2.1 Level 8</i> , Scholastic - <i>Teaching Powerful Writing</i>		
<p>SEPTEMBER <u>Grammar Units 1-3</u> Editing daily work Parts of speech Sentence structure Punctuation Nouns and Proper Nouns</p> <p>Writing: Purposes and audience in writing The writing process Development of a writing portfolio Conference format for peer and teacher conferences Showing, not telling Short stories Foreshadowing</p>	<p>OCTOBER <u>Grammar Units 4-6</u> Compound Sentences Verbs</p> <p>Writing: Write a Children's Story</p>	<p>NOVEMBER <u>Grammar Units 7-10</u> Adjectives Prepositions Word Choice</p> <p>Writing: Review: unity, topic sentences, and cohesion in paragraph writing Introductions and Conclusions in essays</p>
<p>DECEMBER <u>Grammar Unit 11</u> Verbs Review</p> <p>Writing: Speech Writing Newspaper articles Letter to the editor Editorial writing</p>	<p>JANUARY <u>Grammar Units 12-15</u> Comparisons Sentence Fragments</p> <p>Writing: See December</p>	<p>FEBRUARY <u>Grammar Units 16-19</u> Run-on Sentences Complex, and topic sentences</p> <p>Writing: Response to poetry Poetry writing - collection of favourite poems Illustrating poems</p>



LANGUAGE STUDIES		
GRAMMAR AND WRITING SKILLS		
RESOURCES: Prentice Hall - Language Works 8 & 9, Gage - The Canadian Spelling Program 2.1 Level 8, Scholastic - Teaching Powerful Writing		
<p>MARCH <u>Grammar Units 20-21</u> Paragraphing Descriptive paragraphs</p> <p><u>Writing:</u> Creative writing Drama and dialogue</p>	<p>APRIL <u>Grammar Units 22-24</u> Expository paragraphs Quotations Review</p> <p><u>Writing:</u> Report writing Essay report on a desert culture for Culture Fair</p>	<p>MAY <u>Grammar Units 25-27</u> Review of narrative and expository writing</p> <p><u>Writing:</u> Creative writing - Short stories Speech Writing</p>
<p>JUNE <u>Grammar Units 27-30</u> Editing and review</p> <p><u>Writing:</u> Writing portfolio evaluation and sharing</p>		



LANGUAGE STUDIES

ORAL EXPRESSION

ORAL EXPRESSION	
<p><u>Speaking Expression</u></p> <ol style="list-style-type: none"> 1. Is able to participate in informal talk: <ul style="list-style-type: none"> • to clarify own thoughts • to communicate thought to others (share, contribute) • to build social relationships 2. Is able to develop ideas in discussions: <ul style="list-style-type: none"> • pair talk • small groups • whole class 3. Is able to express ideas in a variety of forms: <ul style="list-style-type: none"> • oral reports • speeches - memorize a self-selected speech • announcements 4. Is able to present orally selections for enjoyment: <ul style="list-style-type: none"> • dramatic readings • stories • choral speaking 	<p><u>Listening</u> Is able to listen:</p> <ul style="list-style-type: none"> • purposively <ul style="list-style-type: none"> • has purpose for listening • determines speaker’s purpose • selectively <ul style="list-style-type: none"> • to gain information, knowledge • critically <ul style="list-style-type: none"> • to question • to analyze, organize, summarize information • to distinguish important from the less important • attentively <ul style="list-style-type: none"> • to follow instructions • to follow arguments • reflectively <ul style="list-style-type: none"> • to understand how ideas can be altered in a speech • creatively <ul style="list-style-type: none"> • to enjoy the beauty of the spoken word • to imagine • courteously <ul style="list-style-type: none"> • to show respect for persons speaking



LANGUAGE STUDIES
WORKING WITH WORDS

RESOURCES: Gage The Canadian Spelling Program 2.1 - Level 8

ASSESSMENT AND EVALUATION:

- Daily work
- Written quizzes/tests
- Observation
- Assignments

Students will begin each new lesson in the unit with a dictated pretest. If the student gains a satisfactory mark, then he/she will not have to take the dictated post-test the following week. The students are also assigned a variety of phonics, grammar, spelling, and writing based activities from their spelling books which they will complete in cursive each week. Proofreading written work for correct spelling is taught through self, peer, and teacher editing of work. Use of Spell-check is taught for documents completed using a computer including word processing programs and spreadsheet programs.



FOREIGN LANGUAGE STUDIES

FRENCH LANGUAGE STUDY SKILLS TAUGHT, REVIEWED AND/OR EXPOSED AT THE GRADE 7/8 LEVEL

Language

savoir/connaitre
 persuader, commander, conseiller
 p.c. faire, devoir, pouvoir, vouloir, voir, prendre)
 Future Proche
 arriver/partir, décoller/atterrir, venir/aller (je veux aller)
 monter/dessendre
 pouvez-vous me dire.
 Imparfait -ER, -IR, -RE
 etre, avoir, faire, aller
 P.C. with être
 reflexive verbs
 adverbs
 Imperative
 Negative
 Review -dre
 naitre/mourir
 opposite adjectives
 avoir expressions
 possessive adjectives, personal pronouns (me, te, lui...)
 adverbs in -ment
 inversions
 qui and que
 parce que/ car/ donc
 expressing opinion
 expresions with Faire
 Futur Simple
 indefinite pronouns (rien,
 personne,tout, plusieurs...
 adjectives ce and tout
 pendant, après, lorsque
 feminine
 plurals

Vocabulary

school Supplies
 action phrases
 on
 liaison
 weather
 telling time
 transportation
 clothes to pack
 'en' and 'à'
 a-t-il, inversions
 expressing opinion
 cleaning vocabulary
 ou and où
 writing a letter
 miscellaneous vocabulary
 'de' and 'à'
 French vs Quebec, Eng vs French
 Verbs Essayer and Payer
 Guide Alimentaire
 Forms of "vieux"
 money
 character traits: égoïste, fière, généreux, sympathique
 fashion and shopping, clothes
 computers
 movie conversation
 sports - why help build character
 boule
 budget
 transportation - road signs
 lodging
 Amusement park vocab
 venir/revenir de, employer et nettoyer



FOREIGN LANGUAGE STUDIES

FRENCH

RESOURCE: MFB Publications - Mission Monde 6, Pearson/Addison Wesley - *On Y Va*, MOE - *Comment Survivre en Francais dans un cours de francais*, Ettienné - *CD's and Worksheets*

ASSESSMENT AND EVALUATION:

- observation
- daily work
- participation
- tests/quizzes

<p>SEPTEMBER-OCTOBER <u>Unit 1:</u> Language Review present, PC, imparfait future proche Review of -ER, -IR and -RE endgs</p> <p>Vocabulary French vs Quebec Eng vs French</p>	<p>NOVEMBER-DECEMBER <u>Unit 2:</u> Language parce que/ car/ donc review imperatif with classroom sentences personal pronouns (me, te, lui...) imperative form</p> <p>Vocabulary Verbs Essayer and Payer Classroom sentences Guide Alimentaire Forms of "vieux"</p>	<p>JANUARY-FEBRUARY <u>Unit 3:</u> Language expressing opinion expressions with Faire Futur Simple</p> <p>Vocabulary money character traits: égoïste, fière, généreux, sympathique fashion and shopping clothes</p>
<p>MARCH-APRIL <u>Unit 4:</u> Language indefinite pronouns (rien, personne,tout, plusieurs... adjectives ce and tout</p> <p>Vocabulary computers movie conversation sports - why help build character more character traits boule computers budget</p>	<p>MAY-JUNE <u>Unit 5:</u> Language Review pendant, après, lorsque feminine plurals</p> <p>Vocabulary transportation - road signs lodging Amusement park vocab venir/revenir de employer et nettoyer</p>	



MATHEMATICS - GRADE 7

RESOURCES: *Addison Wesley* - Math Makes Sense 7, *Neufeld* - Understanding Math 4-8, *Irwin Publishing* - Spirit of Math - Once per week computation drill requiring mental math and a problem solving component

ASSESSMENT AND EVALUATION:

- Pretests
- Observation
- Daily Work
- Discussion
- Quizzes
- Tests
- Computation Drills
- Assignments including Homework

<p>SEPTEMBER <u><i>Unit 1 - Patterns in Whole Numbers</i></u> Numbers all around us Factors and multiples Squares and square roots Exponents Number patterns</p>	<p>OCTOBER <u><i>Unit 2 - Ratio and Rate</i></u> What is a ratio? Equivalent ratios Comparing ratios Applications of ratios What is a rate?</p> <p><u><i>Unit 3 - Geometry and Measurement</i></u> Sketching views of solids Sketching solids Building objects from nets Using variables in measurement formulas Surface area of a rectangular prism Volume of a rectangular prism</p>	<p>NOVEMBER-DECEMBER <u><i>Review Unit</i></u> Decimal operations Squares and Square Roots Factors Multiples</p> <p><u><i>Unit 4 - Fractions and Decimals</i></u> Combining fractions Adding fractions using models Adding fractions Subtracting fractions using models Subtracting fractions Exploring repeated addition Multiplying decimals Dividing decimals Order of operations with decimals</p>
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MATHEMATICS - GRADE 7 - Continued

<p>JANUARY <u>Unit 5 - Data Management</u> Collecting data Recording data Stem-and-leaf plots Line graphs Applications of mean, median, and mode Evaluating data analysis</p> <p><u>Unit 6 - Measuring Perimeter and Area</u> Area of a parallelogram Area of a triangle Area and perimeter of a trapezoid Measuring irregular figures</p>	<p>FEBRUARY <u>Unit 6 - Continued</u></p> <p><u>Unit 7 - Geometry</u> Classifying figures Congruent figures Transformations Tiling Patterns Using transformations to make designs</p>	<p>MARCH <u>Unit 7 - Continued</u></p> <p><u>Unit 8 - Working with Percents</u> Relating fractions, decimals,, and percents Estimating and calculating percents Multiplying to find percents Drawing circle graphs <i>Dividing to find percents</i></p>
<p>APRIL <u>Unit 8 - Continued</u></p> <p><u>Unit 9 - Integers</u> What is an integer? Comparing and ordering integers Representing integers Adding integers with tiles Adding integers Subtracting integers with tiles Subtracting integers</p>	<p>MAY <u>Unit 9 - Continued</u></p> <p><u>Unit 10 - Patterning and Algebra</u> Number patterns Graphing patterns Variables in expressions Evaluating algebraic expressions Reading and writing equations Solving equations</p>	<p>JUNE <u>Unit 10 - Continued</u> <u>Unit 11 - Probability</u> Listing outcomes Experimental probability Theoretical probability Applications of probability</p>



MATHEMATICS - GRADE 8

RESOURCES: *Addison Wesley* - Math Makes Sense 8, *Neufeld* - Understanding Math 4-8, *Irwin Publishing* - Spirit of Math - Once per week computation drill requiring mental math and a problem solving component

ASSESSMENT AND EVALUATION:

- Pretests
- Observation
- Daily Work
- Discussion
- Quizzes
- Tests
- Computation Drills
- Assignments including Homework

SEPTEMBER

Unit 1 - Numbers, Variables, and Equations

Numbers in the media
 Prime factors
 Expanded form and scientific notation
 Order of operations
 Using a model to solve equations
 Using algebra tiles to solve equations

OCTOBER

Unit 2 - Applications of Ratio, Rate, and Percent

Using proportions to solve ratio problems
 Scale drawings
 Comparing results
 Calculating percents
 Solving percent problems
 Sales tax, discount, and commission
 Simple interest

NOVEMBER

Unit 3 - Geometry and Measurement

Building and sketching objects
 Sketching and folding nets
 Surface area of a triangular prism

Unit 4 - Fractions and Decimals

Comparing and ordering fractions
 Adding fractions
 Subtracting fractions
 Using models to multiply fractions
 Multiplying fractions
 Using models to divide fractions and whole numbers
 Dividing fractions
 Converting between decimals and fractions
 Dividing by 0.1, 0.01, and 0.001



MATHEMATICS - GRADE 8 - Continued

<p>DECEMBER <u>Unit 4 - Decimals Continued</u></p>	<p>JANUARY <u>Unit 5 - Data Management</u> Relating census and sample Inferring and evaluating The shape of data Applying measures of central tendency Drawing histograms Drawing circle graphs <u>Unit 6 - Circles</u> Investigating circles Circumference of a circle Area of a circle Volume of a cylinder Surface area of a cylinder</p>	<p>FEBRUARY <u>Unit 6 - Continued</u> <u>Unit 7 - Geometry</u> Angle properties of intersecting lines Angles in a triangle Angle properties of parallel lines Constructing bisectors Constructing angles Creating and solving geometry problems</p>
<p>MARCH <u>Unit 7 - Continued</u> <u>Unit 8 - Square Roots and Pythagoras</u> Constructing and measuring squares Estimating square roots The Pythagorean relationship Applying the Pythagorean theorem Special triangles</p>	<p>APRIL <u>Unit 8 - Continued</u> <u>Unit 9 - Integers</u> Adding integers Subtracting integers Adding and subtracting integers Multiplying integers Dividing integers Order of operations with integers Graphing on a coordinate grid Graphing translations and reflections Graphing rotations</p>	<p>MAY <u>Unit 9 - Continued</u> <u>Unit 10 - Algebra</u> Number properties Describing number patterns Describing geometric patterns Solving equations with algebra tiles Solving equations algebraically</p>
<p>JUNE <u>Unit 10 - Continued</u> <u>Unit 11 - Probability</u> Probability range Tree diagrams Simulations Odds for and against</p>		



PHYSICAL EDUCATION

RESOURCES:

ASSESSMENT AND EVALUATION:

- Participation
- Use of strategies and tactics
- Skills tests
- Attitude and sportsmanship
- Tests and Quizzes

<p>SEPTEMBER <u>Baseball</u> Skills Taught Throwing, Catching, Batting, Positions, Rules Activities Catch Baseball</p>	<p>OCTOBER <u>Soccer</u> Skills Taught Dribbling, Passing, Shooting, Trapping, Throw Ins, Rules And Strategies, Team Play Activities Individual And Partner Skill Work Games</p> <p><u>Flag Football</u> Skills Taught Throwing And Catching, Defense, Rules And Strategies, Team Play Activities Mini Games Partner Work</p>	<p>NOVEMBER/DECEMBER <u>Volleyball</u> Skills Taught Bumping And Setting, Serving, Rules And Strategies, Team Play Activities Serving Games And Contest Partner Work and Group Challenges</p> <p>Mini Games And Tournament Play</p>
<p>DECEMBER/JANUARY <u>Basketball</u> Skills Taught Ball Handling, Dribbling, Passing, Shooting, Lay Ups, Defensive Skills Activities Individual Work Partner Challenges Lead Up Games Small Sided Games (3v3) And Tournament Play</p>	<p>FEBRUARY <u>Floor Hockey</u> Skills Dribbling, Passing, Shooting, Receiving, Goaltending, Team Play Activities Partner and Individual Work Contests And Challenges Small Sided Games And Tournament Play</p>	<p>MARCH <u>Badminton</u> Skills Taught Serving, Forehand, Backhand, Smash, Gameplay, Strategy Activities Rally with partner</p>



PHYSICAL EDUCATION - Continued

RESOURCES:

ASSESSMENT AND EVALUATION:

- Participation
- Use of strategies and tactics
- Skills tests
- Attitude and sportsmanship
- Tests and Quizzes

<p>APRIL <u>Lacrosse</u> Skills Taught Cradling, Passing, Catching, Running with Ball, Scooping Activities Practice with partner Scoop Chase Mini Game Play</p>	<p>May <u>Track And Field</u> Skills Taught Track And Field Activities, Including Relays, High Jump, Long Jump, Shot Put Activities Station Work</p>	<p>June <u>Disc Games and Baseball</u> Skills Taught Throwing And Catching, Batting, Team Play Activities Partner Work Team And Group Challenges Frisbee Golf Work Up Softball And Tournament Play</p>
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GEOGRAPHY AND HISTORY

RESOURCES - OACS Units

ASSESSMENT AND EVALUATION:

- Projects and reports
- Notes
- Participation/discussion
- Observation
- Tests/quizzes
- Daily work/assignments

SEPTEMBER

The Story Begins: Canada to 1763 (OACS)
 Begin with a Brief Review of Canadian History to 1750
 Winners...Losers...And God!
 Struggle For A Continent
 War And Peace
The Story Unfolds: Canada 1763-1815 (OACS)
 The Meaning Of Symbols
 What Now?
 Governor Carleton And The Quebec Act

OCTOBER

The Story Unfolds Continued
 "I Don't Like My Government!"
 Loyalists In Canada
 Mohawk Loyalists
 Black Loyalists
 The Constitutional Act Of 1791
 John Graves Simcoe: First Governor Of Upper Canada
 Lord Selkirk Opens The West
 Cayuses Of The War Of 1812: The Second American Revolution
 Pictures Of War
 Terms Of Peace

NOVEMBER

People in a Rainforest Biome (OACS)
 Where in the World is the Tropical Rainforest?
 Where do the Trees Get Their Food?
 It's Amazing, Simply Amazing, What God has made
 Have you ever seen a...?
 God Provides
 Let's Think
 What is there around all those trees?
 What happened beyond the trees?
 What do you find beyond the trees today?



GEOGRAPHY AND HISTORY CONTINUED

<p>DECEMBER <u><i>People in a Rainforest Biome - Continued</i></u> March Para Oeste There's gold in them thar hills! Don't just think big, think huge! The natives of the Amazon: An endangered people? What's really fair here? Nothing ever stays the same! Who, me do something?</p>	<p>JANUARY <u><i>The Story Intensifies: Canada to 1838</i></u> Canada Land Of Opportunity Land Distribution And Transportation Transportation Everyday Life Representative Government: The Focus Of Resentment Papineau, Mackenzie, And Responsible Government The People The Rebellions Hope For The Future <u><i>The Story Crests: Canada to 1867</i></u> Enter Lord Durham A Test Of Responsible Government Life In Pre-Confederation Canada</p>	<p>FEBRUARY <u><i>Ottawa Trip</i></u> <u><i>The Story Crests: Canada to 1867 CONT.</i></u> The Realities Of 1864 Political Deadlock Railroads Reciprocity American Influence British Policy Western Expansion Political Options The Confederation Debate Actual Events Our Government God Calling Our Nation Confederation Party</p>
<p>MARCH <u><i>People in a Changing Biome (OACS)</i></u> The Desert, God's Mistake or God's Handiwork? Dry and Hot Desert Location Desert Climate Map of the Sahara and Sahel Dry and Wet Strangely and Wonderfully Made Discovering God's Bounty in Dry Lands Depleting the Earth</p>	<p>APRIL <u><i>People in a Changing Biome (OACS) Cont.</i></u> Ora Et Labora <u><i>Culture Fair Project on a Desert Culture</i></u></p>	<p>MAY <u><i>The Story Expands: Canada to 1885 (OACS)</i></u> How Did We Get Here? Where Are We Going? The Canadian Dream? The Annexation Of The West North-West Mounted Police Treaties With The Aboriginal People</p>
<p>JUNE <u><i>The Story Expands: Canada to 1885 (OACS) Cont.</i></u> The National Policy, 1878 The North-West Rebellion The National Dream And The Last Spike Blessed Are The Peacemakers</p>		



SCIENCE AND HEALTH

RESOURCES - OACS Units, CSI Healthy Living 6

ASSESSMENT AND EVALUATION:

- Projects and lab reports
- Notes
- Participation/discussion
- Observation
- Tests/quizzes
- Daily work/assignments

SEPTEMBER-NOVEMBER

Active Atoms (OACS)

What Is Heat?
 Sources Of Heat
 The Concept Of Heat
 What Is Theory?
 Effects Of Heat
 Temperature
 Heat And Temperature
 Heat Transfer: Conduction
 Heat Transfer: Convection
 Heat Transfer: Radiation
 Application Of Heat Transfer
 Energy Conservation

DECEMBER - FEBRUARY

Forces at Work (OACS)

Forces Are Always With You
 Can something Massive Be Weightless?
 Let's Get Down To Work
 Energy: Kinetic And Potential
 The Law Of Conservation Of Energy
 Simple Machines At Work
 The Advantage Of An Inclined Plane
 Using Levers To our Advantage
 Reinventing The Wheel
 Gaining An Advantage By Using A Pulley System
 Complex Machines
 Ethics In An Age Of Technology

MARCH - Health

Body Systems (CSI Healthy Living)Health Inside and Out

Bodyworks
 Family Life

Family Week (OCS Program)

Reproductive System , Puberty and Sexual Intercourse, Sexually Transmitted Diseases (Health Unit & Teacher Created Materials)
 Preparing for Adolescence (Focus on the Family Text)

APRIL-JUNE

Marvelous Mixtures

What's The Solution?
 Separating The Solvent From The Solute
 Concentration
 Crystallization
 The Rate Of Dissolving
 Types Of Solution
 Water: The Universal Solvent
 Water: It's Essential For Life
 Water Pollution

APRIL-JUNE CONTINUED

Water Purification
 Sewage Treatment
 Cleaning With Solvents
 Solutions, Solutions, Solutions
 Managing The Residue

