

Yearlong Plan 2012-2013

Content Area ELA

Grade 7

Marking Period 1

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards/ Grade Level Expectations
<p><u>Literature</u> Read <u>The Call of the Wild</u></p> <ol style="list-style-type: none"> 1. Determine theme of text and analyze its development over the course of the novel 2. Summarize the text 3. Cite several pieces of textual evidence to support analysis of the text and make inferences 4. Analyze how <u>setting</u> shapes character, plot, and theme 5. Determine meaning of <u>words and phrases</u> as they are used in the text 6. Compare and contrast a fictional portrayal of a time and place with historical accounts 7. Read complex literature 	<p>Will be assessed through:</p> <ol style="list-style-type: none"> 1. Formative – Class discussion, journal and homework responses 2. Formative – Objective summary paragraph of novel 3. Formative – In class discussions and short answer responses/quote explications Summative – Quizzes and unit test 4. Summative – Literature based essay 5. Formative – In class discussions and homework Summative – Quizzes and unit test 6. Formative – In class discussions Summative – Unit test 7. Summative – Quizzes and unit test 	<ol style="list-style-type: none"> 1. CC RL 7.2, CC SL 7.1, CC L 7.6, CC W 7.10 2. CC RL 7.2 3. CC RL 7.1, CC SL 7.1, CC L 7.6, CC W 7.10 4. CC RL 7.3 5. CC RL 7.4, CC SL 7.1, CC L 7.6 6. CC RL 7.9, CC SL 7.1, CC L 7.6 7. CC RL 7.10, CC L 7.6
<p>Informational Text tied to <u>The Call of the Wild</u></p> <ol style="list-style-type: none"> 1. Read two non fiction essays about the Klondike Gold Rush, analyze the structure of an 	<ol style="list-style-type: none"> 1. Formative – In class discussion and written responses Summative – unit test 	<ol style="list-style-type: none"> 1. CC RI 7.5, CC RI 7.6, CC RI 7.9, CC RI 7.10, CC W 7.10

<p>informative text, determine and analyze the author's point of view, analyze how two or more authors writing about the same topic emphasize different ideas, and read and comprehend literary non fiction</p> <p>Independently read self selected novel</p> <ol style="list-style-type: none"> 1. Present claims and findings, emphasizing important points about the novel 2. Summarize the text 3. Use good public speaking skills, including maintaining eye contact, pronunciation, and volume 4. Incorporate a visual display 5. Demonstrate command of formal English 	<p>1-5 Summative – 80 point oral presentation with visual aid</p>	<p>1. CC SL 7.4, CC SL 7.5, CC SL 7.6, CC RL 7.2</p>
<p>Writing Use knowledge of language and its conventions</p> <p><u>General writing assignments</u></p> <ol style="list-style-type: none"> 1. Write an informative paragraph to examine a topic through selection, organization, and analysis of relevant content <p>Writing assignments tied to <u>The Call of the Wild</u></p> <ol style="list-style-type: none"> 1. Write a literature based argument 	<ol style="list-style-type: none"> 1. Summative – 50 point paragraph, that uses appropriate <u>transitions, relevant facts, concrete details, and examples</u> <ol style="list-style-type: none"> 1. Summative – 60 point 5 paragraph essay, that <u>supports claims with clear reasons and relevant evidence, establishes and maintains a formal style, is cohesive and clarifies evidence, and provides a conclusion that supports the argument</u> 	<p>(All Writing tasks) CC L 7.1</p> <ol style="list-style-type: none"> 1. CC W 7.2, CC 7.10 <ol style="list-style-type: none"> 1. CC W 7.1, CC W 7.4, CC W 7.5, CC W 7.6, CC W7.10

Yearlong Plan 2012-2013

Content Area ELA

Grade 7

Marking Period 2

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p>Literature Read <u>Dr. Jekyll and Mr. Hyde</u></p> <ol style="list-style-type: none"> 1. Determine theme of text and analyze its development over the course of the novel 2. Cite several pieces of textual evidence to support analysis of the text and make inferences 3. Analyze how <u>setting</u> shapes character, plot, and theme 4. Determine meaning of <u>words and phrases</u> as they are used in the text 5. Compare and contrast a fictional portrayal of a time and place with historical accounts 6. Read complex literature 7. Analyze how an author develops and contrasts the points of view of <u>different narrators</u> 	<p>Will be assessed through:</p> <ol style="list-style-type: none"> 1. Formative – Class discussion, journal and homework responses 2. Formative – In class discussions and short answer responses/quote explications Summative – Quizzes and unit test 3. Formative – In class discussions and short answer responses Summative – Quizzes and unit test 4. Formative – In class discussions and homework Summative – Quizzes and unit test 5. Formative – In class discussions Summative – Literature based essay 6. Summative – Quizzes and unit test 7. Formative – In class discussions and short answer responses Summative – quizzes and unit test 	<ol style="list-style-type: none"> 1. CC RL 7.2, CC SL 7.1, CC L 7.6, CC W 7.10 2. CC RL 7.1, CC SL 7.1, CC L 7.6, CC W 7.10 3. CC RL 7.1, CC SL 7.1, CC L 7.6, CC RL 7.3, CC W 7.10 4. CC RL 7.4, CC SL 7.1, CC L 7.6 5. CC RL 7.9, CC SL 7.1, CC L 7.6, CC RL 7.3, CC W 7.10 6. CC RL 7.10, CC L 7.6 7. CC RL 7.4, CC SL 7.1, CC L 7.6, CC RL 7.6, CC W 7.10

<p>of evidence</p> <p>2. Acknowledge alternate or opposing claims</p>	<p>2. Written debate brief</p>	<p>2. CC W 7.1</p>
<p>Writing</p> <p>1. Use knowledge of language and its conventions</p> <p><u>General writing assignments</u></p> <p>1. Write a narrative paragraph with descriptive details to create a mood</p> <p>2. Write an imagined narrative to develop imagined experiences and events using effective technique and relevant details (tied to Dr. Jekyll or The Secret Life of Walter Mitty)</p> <p><u>Writing assignments tied to Dr. Jekyll and Mr. Hyde</u></p> <p>1. Write a literature based argument <u>Develop and introduce a topic with facts, concrete details, and quotations, use appropriate transitions</u> <u>Conduct short research projects - gather relevant information, assess credibility of sources, avoid plagiarism, follow standard format for citations, draw evidence that supports analysis</u></p>	<p>1. Summative – 50 point paragraph that uses appropriate narrative techniques, precise words and phrases, and establishes point of view</p> <p>2. Summative – 65 point narrative essay that uses dialogue</p> <p>1. Summative – 60 point 5 paragraph compare/contrast essay, that organizes information <u>using strategies such as compare/contrast</u>, support claims with clear reasons and relevant evidence, establishes and maintains a formal style, is cohesive and clarifies evidence, and provides a conclusion that supports the argument</p>	<p>1.(All writing tasks) CC L7.3</p> <p>CC W 7.3, CC W 7.4, CC W 7.5, CC W 7.10</p> <p>2. CC W 7.3, CC W 7.10</p> <p>CC W 7.1, CC RL 7.9, CC W 7.2, CC W 7.4, CC W 7.5, CC W 7.6, CC W 7.7, CC W 7.8, CC W 7.9, CC 7.10</p>
<p>Grammar</p> <p>1. Demonstrate command of</p>	<p>1. Formative – Homework and</p>	<p>CC L 7.2</p>

Yearlong Plan 2012-2013

Content Area ELA

Grade 7

Marking Period 3

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p><u>Literature</u> Read Poetry</p> <ol style="list-style-type: none"> 1. Determine and analyze theme and summarize text 2. Cite several pieces of textual evidence to support analysis of the text and make inferences 3. Determine meaning of <u>words and phrases</u> as they are used in the text 4. Read complex literature 5. <u>Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings, analyze the impact of rhymes and other repetition of sound</u> 6. <u>Analyze how a poem's form or structure contributes to its meaning</u> 	<p>Will be assessed through:</p> <ol style="list-style-type: none"> 1. Formative – Class discussion, journal and homework responses, stylistic imitations of poetry 2. Formative – In class discussions and short answer responses/quote explications Summative – Quizzes and unit test 3. Formative – In class discussions and homework Summative – Quizzes and unit test 4. Summative – Quizzes and unit test 5. Formative – In class discussion and written responses 	<ol style="list-style-type: none"> 1. CC RL 7.2, CC SL 7.1, CC L 7.6, CC W 7.10 2. CC RL 7.1, CC SL 7.1, CC L 7.6, CC W 7.10 3. CC RL 7.4, CC SL 7.1, CC L 7.6 4. CC RL 7.10, CC L 7.6 5. CC RL 7.4 6. CC RL 7.5
<p>Read Informational Text to support research writing</p> <ol style="list-style-type: none"> 1. Determine two or more central ideas in a text and their development 	<p>1-2 Formative – Note taking</p>	<p>CC RI 7.2, CC RI 7.5 CC RI 7.10, CC W 7.2</p>

support research		
<p>Grammar</p> <ol style="list-style-type: none"> 1. Demonstrate command of conventions of standard English capitalization, punctuation, and spelling 2. Explain functions of phrases and clauses, choose among simple, compound, complex, and compound-complex relationships 3. Place phrases and clauses within a sentence 4. Recognize and correct dangling modifiers 	<ol style="list-style-type: none"> 1. Formative – Homework and classwork, written assignments Summative – Written assignments, tests, and quizzes 2-5 Formative – Homework and classwork, written assignments Summative – Written assignments, tests, and quizzes 	<p>CC L 7.2</p> <p>CC L 7.1</p>
<p>Vocabulary</p> <p>Determine and clarify meaning of unknown and multiple meaning words and phrases</p> <ol style="list-style-type: none"> 1. Use words in <u>context</u> 2. Consult <u>general and specialized reference</u> material for meaning, pronunciation, and parts of speech 3. Recognize <u>synonyms and antonyms</u> 4. <u>Distinguish between connotation and denotation</u> 5. <u>Verify word meanings</u> 6. Use <u>Greek and Latin roots</u> 	<ol style="list-style-type: none"> 1-4. Formative - Sadler/Oxford Vocabulary book class discussions and homework Summative – Vocabulary quizzes 6. Formative – Greek & Latin root word class discussions and homework Summative - Quizzes 	<p>CC L 7.4, CC L 7.5, CC L 7.6</p> <p>CC L 7.4, CC L 7.6</p>

<p>8. Compare and contrast fictional portrayal of time, place, and character to a historical account to understand <u>how authors use history</u></p>	<p>1-2. Formative – In class discussion and written responses</p>	<p>8. CC RL 7.9</p>
<p>Read <u>The Diary of Anne Frank</u></p> <ol style="list-style-type: none"> 1. Cite several pieces of textual evidence to support analysis 2. Determine two or more central ideas in a text and their development 3. Analyze interactions between individuals and events 4. Analyze the impact of specific word choice on meaning and tone 	<p>1-4 Formative – In class discussions and written responses</p>	<p>CC RI 7.1, CC RI 7.2, CC RI 7.3, CC RI 7.4, CC W 7.10, CC SL 7.1</p>
<p>Informational Text tied to <u>The Diary of Anne Frank</u></p> <ol style="list-style-type: none"> 1. Determine an author's point of view or purpose and analyze how the author distinguishes his or her position from that of others 2. Analyze how two or more authors writing about the same topic shape their presentation of key information by emphasizing evidence (bias) 3. Trace and evaluate arguments and specific claims in a text 4. Compare and contrast a text to an audio, video, or multi media version of the text (how the delivery of a speech impacts the meaning of the words) 5. Trace and evaluate claims in a text, asking if the reasoning is sound 	<p>Formative – In class discussions and written responses Summative - TBD</p>	<p>CC RI 7.6, CC RI 7.9, CC RI 7.10, CC RI 7.8, RI 7.10, CC RI 7.7, CC RI 7.8</p>

<p>projects</p> <p>10. Gather relevant information, use search items, access credibility of sources, quote or paraphrase data, avoid plagiarism, and follow standard format for citations</p> <p>11. Draw evidence from informational text to support research</p> <p>Speaking and Listening tied to Research Paper</p> <ol style="list-style-type: none"> 1. Present claims and findings in a coherent manner with pertinent descriptions, facts, and examples 2. Use appropriate eye contact, volume, and clear pronunciation 3. Adapt speech to task, demonstrating command of Formal English <p>Writing tied to <u>Cyrano</u></p> <ol style="list-style-type: none"> 1. Write imagined narratives using well structured event sequences 2. Write dialogue 	<p>Summative – 75 point oral presentation with <u>visual aid</u></p> <p>Summative - 25 point modern parody script writing</p>	<p>CC SL 7.4, CC SL 7.5, CC SL 7.6</p> <p>CC W 7.3, CC W 7.10</p>
<p>Grammar</p> <ol style="list-style-type: none"> 1. Demonstrate command of conventions of standard English capitalization, punctuation, and spelling 2. Explain functions of phrases and clauses, choose among simple, compound, complex, and compound-complex relationships 3. Place phrases and clauses 	<ol style="list-style-type: none"> 1. Formative – Homework and classwork, written assignments Summative – Written assignments, tests, and quizzes 2-5 Formative – Homework and classwork, written assignments Summative – Written assignments, tests, and quizzes 	<p>CC L 7.2</p> <p>CC L 7.1</p>

7th Grade Mathematics

Year Long Plan 2012 – 2013

Phase 3 and Phase 4

Marking Period 1

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p>Unit: Ratio and Proportion</p> <ul style="list-style-type: none"> • Review ratios, rates, unit rates • Calculate and compare unit prices • Determine proportionality given 2 ratios and a table • Solve proportions algebraically • Write and solve proportions algebraically given a word problem 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test <p>Unit Price Activity</p>	<p>CC.7RP.1</p> <p>CC.7RP.2</p> <p>Core Knowledge</p>
<p>Unit: Applications of Proportions</p> <ul style="list-style-type: none"> • Customary and Metric measurement <p>Convert within and between systems, compare and order units of measures and solve problems using units of measure</p> <ul style="list-style-type: none"> • Identify parts of similar triangles • Calculate the length of corresponding sides of similar triangles using proportional reasoning • Find scale factor and then use scale factor to find actual or model size of objects • Use scale to find map and actual distance • Reproduce a drawing using a different scale 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test <p>Ratio/Proportion Cartoon</p>	<p>CC.7.RP.3</p> <p>CC.7.G.1</p> <p>Core Knowledge</p>

7th Grade Mathematics

Year Long Plan 2012 – 2013

Phase 3 and 4

Marking Period 2

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p>Unit: Percents</p> <ul style="list-style-type: none"> • Use proportional reasoning to solve percent word problems • Applications of percent <ul style="list-style-type: none"> ○ Percent Change ○ Percent Error ○ Sales Tax ○ Gratuities/Commissions 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.RP.3</p> <p>Core Knowledge</p>
<p>Unit: The Number System</p> <ul style="list-style-type: none"> • Classify numbers up through rational numbers • Apply opposite and absolute value to rational numbers • Convert signed rational numbers and percents • Order signed rational numbers and percents • Apply sign rules of integers to rational numbers • Solve real world problems with signed rational numbers 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test <p>Matho</p>	<p>CC.7.NS.1</p> <p>CC.7.NS.2</p> <p>CC.7.NS.3</p>
<p>Unit: Expressions</p> <ul style="list-style-type: none"> • Exponents(zero and negative)/Scientific Notation • Order of operations with signed rational numbers • Translate word expressions to algebraic expressions • Identify components of algebraic expressions • Evaluate algebraic expressions • Evaluate formulas for given input values (geometry) • Properties (Commutative, Associative, Identity) • Simplify Algebraic Expressions (Distribute/Combine Like Terms) 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test <p>Order of Operations Letter</p>	<p>CC.7.EE.1</p> <p>CC.7.EE.2</p> <p>CC.7.EE.4</p> <p>Core Knowledge</p>

7th Grade Mathematics

Year Long Plan 2012 – 2013

Phase 3 and 4

Marking Period 3

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p>Unit: Equations and Inequalities</p> <ul style="list-style-type: none"> • Solve integer equations involving 1 or 2 step transformations • Solve integer equations involving combining like terms and the distributive property • Solve related word problems involving equations • Graph the solution sets of inequalities • Solve 1 step and 2 step inequalities – understand that the direction of the inequality changes when multiplying or dividing by a negative number 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.EE.3</p> <p>CC.7.EE.4</p> <p>Core Knowledge</p>
<p>Unit: Area and Perimeter</p> <ul style="list-style-type: none"> • Review perimeter, find perimeter of irregular figures • Review area formulas of squares, rectangles, triangles, trapezoids • Area and circumference of circles • Area of irregular figures – by breaking figures down into regular shapes • Area of shaded regions • Word problems with area and perimeter 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.G.4</p> <p>CC.7.G.6</p> <p>Core Knowledge</p>
<p>Unit: Statistics</p> <ul style="list-style-type: none"> • Use random sampling to draw inferences about a population • Use proportional reasoning to make estimates relating to a population on the basis of a sample • Select, create, and use appropriate graphical representation of data including histograms, box plots and scatter plots (including lines of best fit) • Make conjectures about data by selecting and using the appropriate measure of central tendency 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.SP.1</p> <p>CC.7.SP.2</p> <p>CC.7.SP.3</p> <p>Core Knowledge</p> <p>CC.7.SP.4</p>

7th Grade Mathematics

Year Long Plan 2012 – 2013

Phase 3 and 4

Marking Period 4

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p>Unit: Probability</p> <ul style="list-style-type: none"> • Definition/Likelihood (0 – 1) • Use proportional reasoning to make approximate predictions in experimental and theoretical probabilities • Determine probabilities of events with outcomes that may or may not be equally likely • Find probabilities of compound events using tree diagrams, organized list etc. • Find Sample Space • Understand the difference between independent and dependent events • Understand that if p is the probability of an event occurring, $1 - p$ is the probability of the event not occurring. 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.SP.5</p> <p>CC.7.SP.6</p> <p>CC.7.SP.7</p> <p>CC.7.SP.8</p> <p>Core Knowledge</p>
<p>Unit: Geometry</p> <ul style="list-style-type: none"> • Draw central angles in a circle using a protractor • Calculate the missing side of a right triangle using the Pythagorean Theorem • Apply the Converse of the Pythagorean Theorem • Determine the image of a triangle under translations, rotations, and reflections (using the coordinate plane) • Solving for missing angles algebraically <ul style="list-style-type: none"> ○ Supplementary/Complementary ○ Adjacent ○ Vertical • Determine angle pair measurements when 2 parallel lines are cut by a transversal 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.G.5</p> <p>Core Knowledge</p>
<p>Unit: 3 – D Objects</p> <ul style="list-style-type: none"> • Calculate volume of prisms and cylinders • Calculate volume of pyramids and cones • Calculate volume and surface area of spheres • Calculate surface area of prisms and cylinders • Know how volume is affected by change of scale 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.G.6</p> <p>Core Knowledge</p>

7th Grade Mathematics

Year Long Plan 2012 – 2013

Phase 5

Marking Period 1

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p>Unit: Ratio and Proportion</p> <ul style="list-style-type: none"> • Review ratios, rates, unit rates • Calculate and compare unit prices • Determine proportionality given 2 ratios and a table • Solve proportions algebraically • Write and solve proportions algebraically given a word problem • Convert within and between measurement systems using dimensional analysis • Identify parts of similar triangles • Calculate the length of corresponding sides of similar triangles using proportional reasoning 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test <p>Unit Price Activity</p>	<p>CC.7RP.1</p> <p>CC.7RP.2</p> <p>CC.7.G.1</p> <p>Core Knowledge</p>
<p>Unit: Percents</p> <ul style="list-style-type: none"> • Use proportional reasoning to solve percent word problems • Applications of percent <ul style="list-style-type: none"> ○ Percent Change ○ Percent Error ○ Sales Tax ○ Gratuities/Commissions ○ Discount/Markup 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.RP.3</p> <p>Core Knowledge</p>

7th Grade Mathematics

Year Long Plan 2012 – 2013

Phase 5

Marking Period 2

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p>Unit: The Number System</p> <ul style="list-style-type: none"> • Classify numbers up through rational numbers • Apply opposite and absolute value to rational numbers • Convert signed rational numbers to decimals and percents • Order signed rational numbers and percents • Apply sign rules of integers to rational numbers • Solve real world problems with signed rational numbers • Identify the parts of a radical expression • Simplify perfect square and cube roots up through 100 • Simplify non perfect square roots • Estimate non perfect square roots between two integers 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test <p>Matho</p>	<p>CC.7.NS.1</p> <p>CC.7.NS.2</p> <p>CC.7.NS.3</p> <p>CC.8.NS.1</p> <p>CC.8.NS.2</p> <p>CC.8.EE.2</p>
<p>Unit: Expressions</p> <ul style="list-style-type: none"> • Exponents(zero and negative)/Scientific Notation • Order of operations with signed rational numbers • Translate word expressions to algebraic expressions • Identify components of algebraic expressions • Evaluate algebraic expressions • Evaluate formulas for given input values (geometry – area and perimeter/circumf) • Properties (Commutative, Associative, Identity) • Simplify Algebraic Expressions (Distribute/Combine Like Terms) 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test <p>Order of Operations Letter</p>	<p>CC.7.EE.1</p> <p>CC.7.EE.2</p> <p>CC.7.EE.4</p> <p>Core Knowledge</p>
<p>Unit: Area and Perimeter</p> <ul style="list-style-type: none"> • Perimeter of irregular figures • Area of kites • Arc Length/Area of a sector • Area of irregular figures – by breaking figures down into regular shapes • Area of shaded regions • Word problems with area and perimeter 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.G.4</p> <p>CC.7.G.6</p> <p>Core Knowledge</p>

7th Grade Mathematics

Year Long Plan 2012 – 2013

Phase 5

Marking Period 3

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
<p>Unit: Solving Equations and Inequalities</p> <ul style="list-style-type: none"> • Solve linear equations in 1 variable <ul style="list-style-type: none"> ○ Simple/Multiple transformations ○ 1 solution/No solution/Infinitely many solutions ○ Rational Coefficients 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.8.EE.7</p>
<p>Unit: Graphs and Functions</p> <ul style="list-style-type: none"> • Interpreting Graphs • Functions • Equations, Tables and Graphs • Graphing Linear Equations <ul style="list-style-type: none"> ○ Slope Intercept ○ Intercepts ○ Point Slope • Direct Variation • Graphing Linear Inequalities in 2 Variables 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.8.EE.6</p>
<p>Unit: Statistics</p> <ul style="list-style-type: none"> • Use random sampling to draw inferences about a population • Use proportional reasoning to make estimates relating to a population on the basis of a sample • Select, create, and use appropriate graphical representation of data including histograms, box plots and scatter plots (including lines of best fit) • Make conjectures about data by selecting and using the appropriate measure of central tendency 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.SP.1 CC.7.SP.2</p> <p>CC.7.SP.3 Core Knowledge</p> <p>CC.7.SP.4</p>

7th Grade Mathematics

Year Long Plan 2012 – 2013

Phase 5

Marking Period 4

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards
Unit: Probability <ul style="list-style-type: none"> • Definition/Likelihood (0 – 1) • Use proportional reasoning to make approximate predictions in experimental and theoretical probabilities • Determine probabilities of events with outcomes that may or may not be equally likely • Find probabilities of compound events using tree diagrams, organized list etc. • Find Sample Space • Understand the difference between independent and dependent events • Understand that if p is the probability of an event occurring, $1 - p$ is the probability of the event not occurring. 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.SP.5</p> <p>CC.7.SP.6</p> <p>CC.7.SP.7</p> <p>CC.7.SP.8</p> <p>Core Knowledge</p>
Unit: Geometry <ul style="list-style-type: none"> • Determine angle pair measurements when 2 parallel lines are cut by a transversal • Calculate the missing side of a right triangle using the Pythagorean Theorem • Apply the Converse of the Pythagorean Theorem • Solve for missing angles in triangles and polygons • Congruence • Transformations • Coordinate Geometry 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.G.3</p> <p>CC.8.G.1</p> <p>CC.8.G.2</p> <p>CC.8.G.3</p> <p>CC.8.G.5</p> <p>Core Knowledge</p>
Unit: Volume and Surface Area <ul style="list-style-type: none"> • Volume/Surface Area of Prisms and Cylinders • Volume/Surface Area of Pyramids and Cones • Volume/Surface Area of Spheres 	<ol style="list-style-type: none"> 1. Daily homework assignments <ul style="list-style-type: none"> • Holt McDougal Workbook • Pizazz/Punchline Worksheet Series 2. Summative quizzes after every 3 days of instruction 3. Unit test 	<p>CC.7.G.6</p> <p>Core Knowledge</p>