

## Yearlong Plan 2012-2013

**Content Area: ELA**

**Grade: 4**

**Marking Period: 1**  
8/23/12 -10/30/12

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards/ Grade Level Expectations
<p><b><u>Literature</u></b></p> <p><b><i>Knights of the Kitchen Table:</i></b> Teach extended response using the ACE framework Literary Elements: characters, setting, simile, story mountain, point of view, fantasy</p> <p><b><i>Mr. Popper's Penguins:</i></b> Reading strategies and story structure: (prediction, connections, summary, word choice, visualization, synthesize, story elements, questioning, inference, cause and effect)</p> <p><b><i>Legend of Sleepy Hollow:</i></b> Core Knowledge Classic Provide background info on: Revolutionary War, Henry Hudson, Washington Irving, Witchcraft</p> <p>Define and discuss vocabulary words particular to text (context clues)</p> <p>Use of cliffhanger: Choice between 3 possible endings</p> <p>Compare/contrast characters</p> <p>Literary Terms: antagonist, climax, conflict/problem, genre, foreshadowing, rising action, falling action, opinion, protagonist</p> <p><b><u>Informational Text</u></b></p> <p><b><i>National Geographic Magazine:</i></b> Provide the opportunity to read and respond to informational text; practice responding to text-based prompts</p>	<p>Formative Assessments: Extended response questions Vocabulary quizzes Sequence of Events Venn Diagram Diary of Ichabod Crane Crane activity Detective Worksheet</p> <p>Summative Assessment</p> <p>Activity Master Topic Assessment Text-based prompts</p>	<p>4RL1, 4RL2, 4RL3, 4RL4, 4RL6, L4.4, L4.5</p> <p>4RI1, 4RI2, 4RI3, 4RI4, 4RI5, 4RI7, L4.6</p>

<p><b><u>Writing</u></b>          Introduce idea development, organization, sentence fluency, word choice, voice, conventions using children's literature  <i>George v. George</i> - acrostic poem, <i>No, David</i> - interjections/characters name, <i>Cloudy with a Chance of Meatballs</i> - 3-part description, <i>Alexander and the Terrible, Horrible, No Good, Very Bad Day</i> - catchphrases, <i>Miss Nelson is Missing</i> - create good sentences</p>	<p>Students are expected to use correct grammar within their writing. Rubrics for written assignments contain a conventions section.          Each of the 6 traits are introduced and practiced</p>	<p>W.4.4, W.4.5, W.4.6, L4.1, L4.2, L4.3</p>
<p><b><u>Grammar:</u></b>  <u>Easy Grammar</u> begins by having students memorize a list of 40 prepositions. Then, students learn to find and cross out the prepositional phrase, making it easier to identify the subject and verb.          Begin capitalization unit (will continue into second marking period)  <b>Letter Writing:</b> NCS mail program</p>	<p>Summative quizzes are given at end of each grammar unit or topic.          Students are expected to use correct grammar within their writing. Rubrics for written assignments contain a conventions section.</p>	<p>L4.1, L4.2</p>
<p><b><u>Vocabulary</u></b>          Sadlier Vocabulary Workshop          Each unit's words are introduced at the end of the week, then activities are used throughout the following week to reinforce the definitions, synonyms, antonyms.</p>	<p>Summative :          Unit Assessments          Spelling Assessments          Students are asked to incorporate vocabulary words into their writing</p>	<p>L4.4, L4.5, L4.6</p>
<p><b><u>Idioms:</u></b>          Introduced and discussed in class. Students receive idioms booklet containing literal and figurative meanings.          You can lead a horse..., Etc., RSVP, As the crow flies, Blow hot and cold, Break the ice, Bull in a China Shop, Bury the hatchet, Can't hold a candle to</p>	<p>Students are asked to incorporate idioms into their writing</p>	<p>L4.5</p>

## Yearlong Plan 2012-2013

**Content Area: ELA**

**Grade: 4**

**Marking Period: 2**

10/31/12-1/18/13

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards/ Grade Level Expectations
<p><b><u>Literature</u></b></p> <p><i>The Legend of Sleepy Hollow:</i> (continued from MPI) Provide background info on: Revolutionary War, Henry Hudson, Washington Irving, Witchcraft</p> <p>Define and discuss vocabulary words particular to text (context clues)</p> <p>Use of cliffhanger: Choice between 3 possible endings</p> <p>Compare/contrast characters</p> <p>Literary Terms: antagonist, climax, conflict/problem, genre, foreshadowing, rising action, falling action, opinion, protagonist</p> <p><b><i>Pollyanna:</i></b> Reading Response Journals</p> <p>Literary Elements: setting, character traits foreshadowing, plot, simile protagonist, genre, optimist/pessimist</p> <p>Define/discuss vocabulary particular to the text (context clues)</p> <p>Reading Strategies and story structure (prediction, connections, summary, word choice, visualization, synthesize, story elements, questioning, inference, cause and effect)</p> <p><b><u>Informational Text</u></b></p> <p><i>National Geographic Magazine:</i> Provide the opportunity to read and respond to informational text; practice responding to text-based prompts</p>	<p>Formative Assessments: Extended Response Questions Vocabulary Quizzes Summative Assessment</p> <p>Formative Assessments: Quizzes Open Mind Portrait Practice extended response questions</p> <p>Summative Assessment: At conclusion of book</p> <p>Activity Master Topic assessment Text-based prompt</p>	<p>4RL1, 4RL2, 4RL3, 4RL4, L4.4, L4.5</p> <p>4RL1, 4RL2, 4RL3, 4RL4, L4.4, L4.5</p> <p>4RI1, 4RI2, 4RI3, 4RI4, 4RI5, 4RI7, L4.6</p>

<b><u>Writing</u></b> Narrative: Develop real experiences or events using the 6 Trait model. Include descriptive details and clear event sequences.	Student progress assessed through conferencing and reviewing rough draft before publishing	W4.3, W4.4, W4.5
<b><u>Grammar:</u></b> Capitalization unit  Verb unit	Summative quizzes are given at end of each grammar unit or topic.  Students are expected to use correct grammar within their writing. Rubrics for written assignments contain a conventions section.	L4.1, L4.2
<b><u>Vocabulary</u></b> Sadlier Vocabulary Workshop Each unit's words are introduced at the end of the week, homework assigned and activities are used throughout the following week to reinforce the definitions, synonyms, antonyms.	Summative Unit Assessments given at end of each unit  Spelling Assessments  Students are asked to incorporate vocabulary words into their writing	L4.4, L4.5, L4.6
<b><u>Idioms</u></b> Introduced and discussed in class. Go to pot, Make ends meet, Money burning a hole..., On the warpath, Once in a blue moon, run of the mill, shipshape, Through thick and thin	Students are asked to incorporate idioms into their writing	L4.5

## Yearlong Plan 2012-2013

**Content Area: ELA**

**Grade: 4**

**Marking Period: 3**

1/22/13-3/25/13

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards/ Grade Level Expectations
<p><b><u>Literature</u></b></p> <p><b><i>Biography of Ben Franklin:</i></b> Comparison among a biography, autobiography and fiction</p> <p>Primary vs. secondary sources</p> <p><b><i>Robin Hood:</i></b> Provide background information about Middle Ages Character Study</p> <p>Define and discuss vocabulary words particular to the text (context clues)</p> <p>Literary Terms: Irony, ballad, dialogue, hero, legend, satire, theme</p>	<p>Formative Assessments: Quizzes Extended response questions</p> <p>Formative assessment: Literary Response Journal Wanted Poster Quizzes Sequence of Events activity Extended response questions</p>	<p>4RI1, 4RI2, 4RI3, 4RI4, 4RI5, 4RI6, 4RI7</p> <p>4RL1, 4RL2, 4RL3, 4RL4, 4RL10</p>
<p><b><u>Informational Text</u></b></p> <p><b><i>National Geographic Magazine:</i></b> Provide the opportunity to read and respond to informational text; practice responding to text-based prompts</p>	<p>Activity Master Assessment Text-based prompt</p>	<p>4RI1, 4RI2, 4RI3, 4RI4, 4RI5, 4RI7, L4.6</p>

<b><u>Writing</u></b> Expository: inform, explain, clarify, define	Student progress is assessed through conferencing and reviewing rough draft before publishing	W4.2
<b><u>Grammar:</u></b> Noun unit  Sentence types Adjectives	Summative quizzes are given at end of each grammar unit or topic  Students are expected to use correct grammar within their writing. Rubrics for written assignments contain a conventions section.	L4.1, L4.2
<b><u>Vocabulary</u></b> Sadlier Vocabulary Workshop Each unit's words are introduced at the end of the week, homework assigned and activities are used throughout the next week to reinforce the definitions, synonyms, antonyms, and spelling	Summative Unit Assessments given at end of each unit  Spelling Assessments	L4.4, L4.5, L4.6
<b><u>Idioms:</u></b> Introduced and discussed in class. Timbuktu, Beauty is only skin deep, The bigger they are..., Birds of a feather..., Don't count your chickens..., Don't put all your eggs..., Make hay while the sun shines, Half a loaf..., Haste makes waste	Students are asked to incorporate idioms into their writing	L4.5

## Yearlong Plan 2012-2013

**Content Area: ELA**

**Grade: 4**

**Marking Period: 4**

3/25/13-6/5/13

Content Topics with Overview of Lessons	Assessments Utilized Within the Lessons and at End of Units	Common Core Standards/ Grade Level Expectations
<p><b><u>Literature</u></b>  <i>Treasure Island:</i>            vocabulary study, act out a scene, recreate a map, relate to other literature</p> <p>Literary elements:            visual imagery, similes and metaphors, onomatopoeia, subtitles, narrator, summary, theme</p>	<p>Formative assessments:            Extended response questions            Vocabulary quizzes</p> <p>Summative assessment</p>	<p>4RL1, 4RL2, 4RL3, 4RL4, 4RL10,</p>
<p><b><u>Poetry</u></b>  <i>Listen My Children:</i>            Poetry terms:            alliteration, anaphora, assonance, consonance, imagery, internal rhyme, rhyme, free verse, line, stanza, rhythm, quatrain, personification, metaphor, repetition</p>	<p>Create original pieces using different types of poetry</p>	<p>4RL2, 4RL5, 4RL10</p>
<p><b><u>Informational Text</u></b>  <i>National Geographic Magazine:</i>            Provide the opportunity to read and respond to informational text; practice responding to text-based prompts</p>	<p>Activity Master            Assessment            Text-based prompt</p>	<p>4RI1, 4RI2, 4RI3, 4RI4, 4RI5, 4RI7, L4.6</p>



<b><u>Writing</u></b> Persuasive: influence the reader, introduce a topic, state an opinion, and support a point of view with reasons and information	Student progress assessed through conferencing and reviewing rough draft before publishing	W.4.1
<b><u>Grammar:</u></b> Pronoun unit Adverb unit	Summative quizzes are given at end of each grammar unit or topic.  Students are expected to use correct grammar within their writing. Rubrics for written assignments contain a conventions section.	L4.1, L4.2
<b><u>Vocabulary</u></b> Saddlier Vocabulary Workshop Each unit's words are introduced at the end of the week, homework assigned and activities are used throughout the next week to reinforce the definitions, synonyms, antonyms, and spelling	Summative Unit Assessments given at end of each unit  Spelling Assessments  Students are asked to incorporate vocabulary words into their writing	L4.4, L4.5, L4.6
<b><u>Idioms:</u></b> Introduced and discussed in class. Laugh and the world..., Lightening never strikes twice..., Live and let live, One picture is worth..., An ounce of prevention..., Seeing is believing, Two wrongs don't make a right, When it rains it pours	Students are asked to incorporate idioms into their writing.	L4.5



# Yearlong Plan 2012-2013

Content Area Math

Grade 4<sup>th</sup>

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><b>August/September</b> <b>Phase 3 &amp; 4</b> <b>Number sense:</b> -Place value of whole numbers through Hundred Millions -Comparing and ordering whole numbers -Place value of decimals through thousandths -Comparing and ordering whole numbers and decimals -Rounding and estimating whole numbers -Rounding and estimating decimals</p> <p><b>Phase 5</b> <b>Number Sense:</b> -Place value of whole numbers through Hundred Billion -Comparing and ordering whole numbers -Place value of decimals through ten-thousandths -Comparing and ordering whole numbers and decimals -Rounding and estimating whole numbers -Rounding and estimating decimals -Adding whole number -Subtracting whole numbers -Adding multiple addends. -Adding whole numbers &amp; decimals. -Subtracting whole numbers and decimals. -Multiplication drill tests.</p>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Rolling Numbers (dice activity): place value concepts</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• Number Sense Pre/Post Test</li> <li>• Weekly Quiz</li> </ul>	<p>NBT: 4.1,4.2,4.3,4.4</p>
<p><b>October</b> <b>Phase 3 &amp; 4</b></p>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Multiplication playing card</li> </ul>	<p>OA: 4.4, 4.3</p>

<p><b>Number sense cont. &amp; Computation: Addition &amp; subtraction</b></p> <ul style="list-style-type: none"> <li>-Adding whole numbers</li> <li>-Subtracting whole numbers</li> <li>-Adding multiple addends</li> <li>-Adding whole numbers &amp; decimals.</li> <li>-Subtracting whole numbers and decimals.</li> <li>-Multiplication drill tests.</li> </ul> <p><b>Phase 5</b></p> <p><b>Computation: Multiplication</b></p> <ul style="list-style-type: none"> <li>- Multiplication Drill tests 2-4 times weekly</li> <li>- Basic multiplication facts 1-12</li> <li>-Prime and composite numbers</li> <li>-GCF</li> <li>-LCM</li> <li>-Estimating products</li> </ul> <p>Multiplying whole numbers (2x1, 2x2, 3x2, 3x3)</p> <ul style="list-style-type: none"> <li>- Multiplication word problems.</li> </ul>	<p>activities</p> <ul style="list-style-type: none"> <li>• Drill Tests</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• Computation Pre/Post Test</li> <li>• Weekly Quiz</li> <li>• End of marking period tests</li> </ul>	<p>NBT: 4.5</p>
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# Yearlong Plan 2012-2013

Content Area Math

Grade 4<sup>th</sup>

Marking Period 2

<p><b>November</b> <b>Phase 3 &amp; 4</b> <b>Computation: Multiplication</b> - Multiplication Drill tests 2-4 times weekly - Basic multiplication facts 1-5 - Basic multiplication facts 6-10 - Prime and composite numbers - GCF - LCM - Estimating products - Multiplying whole numbers (2x1, 2x2, 3x2, 3x3) - Multiplication word problems.</p>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Multiplication playing card activities</li> <li>• Drill Tests</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• Computation Pre/Post Test</li> <li>• Weekly Quiz</li> </ul>	<p>OA: 4.3, 4.4 NBT: 4.5, 4.6</p>
<p><b>Phase 5</b> <b>Computation: Division</b> - Basic division facts as reciprocals - Estimating quotients - Divide by 1 digit divisors w/ no remainder. - Divide by 1 digit divisors w remainders. - Divide by 2 digit divisors - Divide whole number and decimals - Divide 3 digit divisors</p>		
<p><b>December</b> <b>Phase 3 &amp; 4</b> <b>Computation: Division</b> - Basic division facts as reciprocals - Estimating quotients - Divide by 1 digit divisors w/ no remainder. - Divide by 1 digit divisors w remainders. - Divide by 2 digit divisors <b>Phase 5</b> <b>Fraction Concepts:</b> - Identifying fractions</p>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Multiplication playing card activities</li> <li>• Drill Tests</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul>	<p>NBT: 4.6 NF: 4.1, 4.2, 4.3, 4.5</p>

<ul style="list-style-type: none"> <li>-Equivalent fractions</li> <li>-fractions in Simplest Form</li> <li>-Compare and order fractions</li> <li>-Reduce fractions</li> <li>-Understanding mixed numbers</li> <li>-Relate fractions, decimals and percent</li> <li>-Add like fractions</li> <li>-Subtract like fractions</li> </ul>	<u>Summative Assessment:</u> <ul style="list-style-type: none"> <li>• Computation Pre/Post Test</li> <li>• Weekly Quiz</li> </ul>	
<p><b>January</b> <b>Phase 3 &amp; 4</b> <b>Fraction Concepts:</b></p> <ul style="list-style-type: none"> <li>-Identifying fractions</li> <li>-Equivalent fractions</li> <li>-fractions in Simplest Form</li> </ul> <p><b>Phase 5</b> <b>Mixed numbers</b> <b>Fraction Concepts (cont.)</b></p> <ul style="list-style-type: none"> <li>-Add mixed numbers</li> <li>-Subtracting mixed numbers</li> </ul>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Dice/playing card math activities</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> <li>•</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• Fraction Pre/Post Test</li> <li>• Weekly Quiz</li> <li>• End of Marking period test</li> </ul>	NF: 4.3, 4.5

Yearlong Plan 2012-2013

Content Area Math

Grade 4<sup>th</sup>

Marking Period 3

<p><b>February Phase 3 &amp; 4</b></p> <ul style="list-style-type: none"> <li>-Compare and order fractions</li> <li>-Reduce fractions</li> <li>-Understanding mixed numbers</li> <li>-Relate fractions, decimals and percent</li> <li>-Add like fractions</li> <li>-Subtract like fractions</li> </ul> <p><b>Phase 5 Fraction Concepts (cont.)</b></p> <ul style="list-style-type: none"> <li>-Multiply a fraction with a fraction</li> <li>-Multiply fractions and whole numbers</li> <li>-Multiply fractions and mixed numbers</li> <li>-Multiply mixed numbers</li> <li>-Division of fractions</li> <li>-Divide whole numbers by Fractions</li> </ul>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Multiplication playing card activities</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• CFractions Pre/Post Test</li> <li>• Weekly Quiz</li> </ul>	<p>NF: 4.2, 4.3, 4.4</p>
<p><b>February Phase 3 &amp; 4 Fractions continued:</b></p> <ul style="list-style-type: none"> <li>-Finding the LCD for unlike fractions</li> <li>-Add unlike fractions</li> <li>-Subtract unlike fractions</li> <li>-Converting mixed numbers to improper fractions</li> <li>-Converting improper fractions to Mixed numbers</li> </ul> <p><b>Phase 5 Fraction Concepts (cont.)</b></p> <ul style="list-style-type: none"> <li>-Add mixed numbers</li> <li>-Subtracting mixed numbers</li> <li>-Multiply a fraction with a fraction 1</li> <li>-Multiply fractions and whole numbers</li> </ul>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Multiplication playing card activities</li> <li>• Drill Tests</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• Computation Pre/Post Test</li> <li>• Weekly Quiz</li> </ul>	<p>NF: 4.3, 4.4</p>

-Multiply fractions and mixed numbers -Multiply mixed numbers -Division of fractions Reciprocals -Divide whole numbers by Fractions		
<p style="text-align: center;"><b>March</b> <b>Phase 3 &amp; 4</b></p> <p><b>Geometry:</b> <b>Identifying Geometric Figures</b>          -Lines and angles          -Angles and polygons          -Congruent and similar figures          -Symmetric figures  <b>Classifying plane and solid figures</b>          -Triangles          -Quadrilaterals          -Multi-sided polygons          -congruent &amp; similar          -symmetry          -translation, reflection, rotation          -Transformations and tessellations          --Circles (chord, diameter, radius)          Area &amp; Perimeter          - Volume</p> <p style="text-align: center;"><b>Phase 5</b></p> <p><b>Geometry:</b> <b>Identifying Geometric Figures</b>          -Lines and angles          -Angles and polygons          -Congruent and similar figures          -Symmetric figures  <b>Classifying plane and solid figures</b>          -Triangles          -Quadrilaterals          -Multi-sided polygons          -congruent &amp; similar          -symmetry          -translation, reflection, rotation          -Transformations and tessellations          Area &amp; Perimeter          - Volume          --Circles (chord, diameter, radius)</p>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Geometric "art"</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• Geometry Test</li> <li>• Weekly Quiz</li> <li>• End of marking period test</li> </ul>	<p>G 4.1, 4.2, 4.3</p> <p>MD: 4.5, 4.3</p>

## Yearlong Plan 2012-2013

Content Area Math

Grade 4<sup>th</sup>

Marking Period 4

<p style="text-align: center;"><b>April</b> <b>Phase 3 &amp; 4</b></p> <p><b>Measurement:</b></p> <ul style="list-style-type: none"> <li>-Customary and Metric systems</li> <li>-Customary length</li> <li>-Metric length</li> <li>-Converting linear measurements</li> <li>-Customary capacity and weight</li> <li>-Metric capacity and mass</li> <li>-Time and temperature</li> <li>-Perimeter</li> <li>-Area of plane figures</li> <li>-Surface area and volume</li> </ul>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Geometric “art”</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• Geometry Test</li> <li>• Weekly Quiz</li> </ul>	<p>MD: 4.1, 4.2, 4.3</p>
<p style="text-align: center;"><b>Phase 5</b></p> <p><b>Measurement:</b></p> <ul style="list-style-type: none"> <li>-Customary and Metric systems</li> <li>-Customary length</li> <li>-Metric length</li> <li>-Converting linear measurements</li> <li>-Customary capacity and weight</li> <li>-Metric capacity and mass</li> <li>-Time and temperature</li> <li>-Perimeter</li> <li>-Area of plane figures</li> <li>-Surface area and volume</li> </ul>		
<p style="text-align: center;"><b>May/June</b> <b>Phase 3 &amp; 4</b></p> <p><b>Data, Statistics, and graphs:</b></p> <ul style="list-style-type: none"> <li>-Analyze data and graphs</li> <li>-Collect and organize data</li> <li>-Find the mean</li> <li>-Find the median and mode</li> <li>-Averages and outliers</li> <li>-Graphs</li> <li>-Bar graphs</li> <li>-Line graphs</li> <li>-Line plots</li> <li>-Stem and leaf plots</li> <li>-Scatter plots</li> <li>-Circle graphs</li> <li>-Pie graphs</li> </ul>	<p><u>Formative Assessments:</u></p> <ul style="list-style-type: none"> <li>• Data “tracking” activity</li> <li>• Extended/Constructed Response math questions</li> <li>• Daily warm-up questions</li> <li>• Classwork</li> <li>• Homework Check</li> </ul> <p><u>Summative Assessment:</u></p> <ul style="list-style-type: none"> <li>• Data Test</li> <li>• Weekly Quiz</li> <li>• End of marking period test</li> </ul>	<p>MD: 4.4</p>



<p><b>Phase 5</b></p> <p><b>Data, Statistics, and graphs:</b></p> <ul style="list-style-type: none"> <li>-Analyze data and graphs</li> <li>-Collect and organize data</li> <li>-Find the mean</li> <li>-Find the median and mode</li> <li>-Averages and outliers</li> <li>-Graphs</li> <li>-Bar graphs</li> <li>-Line graphs</li> <li>-Line plots</li> <li>-Stem and leaf plots</li> <li>-Scatter plots</li> <li>-Circle graphs</li> <li>-Pie graphs</li> </ul>		
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