

| Trimester 1 | | | | |
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| Math 6 | Math 6/7 | Social Studies | Science | Language Arts |
| <p><u>Unit 1- Area and Surface Area</u></p> <ul style="list-style-type: none"> -Reasoning for finding area -Parallograms -Triangles -Polygons -Surface Area -Squares and Cubes <p>Standards: 6.G.A.1, 6.G.A, 6.G.A.4 6.EE.A.2.a, 6.EE.A.2.c</p> <p><u>Unit 2- Introducing Ratios</u></p> <ul style="list-style-type: none"> -What are ratios? -Equivalent Ratios -Representing Equivalent Ratios -Solving Ratio and Rate Problems | <p><u>Unit 1- Area and Surface Area</u></p> <ul style="list-style-type: none"> -Reasoning for finding area -Parallograms -Triangles -Surface Area <p>Standards: 6.EE.A.2.a , 6.EE.A.2.c 6.G.A.1</p> <p><u>Unit 2- Ratios, Rates, and Percentages</u></p> <ul style="list-style-type: none"> -What are ratios? -Representing equivalent ratios -Rates -Percentages <p>Standards: 6.R.P.A.1, 6.R.P.A.2 , 6.R.P.A.3 6.R.P.A.3.b, 6.R.P.A.3.a 6.R.P.A, 6.R.P.A.3.c 6.R.P.A.3.d</p> <p><u>Unit 3- Fractions</u></p> | <p><u>5 Themes of Geography</u></p> <ul style="list-style-type: none"> -Latitude and Longitude -Location -Region -Place -Movement -Human/environment interaction -Mystery place <p>Standards: 6.GEO.1.a, 6.GEO.2a, 6.GEO.2.b, 6.GEO.2.c, 6.GEO.4.a, 6.GEO.5.a, 6.GEO.5.b</p> <p><u>Central America</u></p> <ul style="list-style-type: none"> -Physical and Political Maps -Carribean -Geography, Economics, Government, History, Culture -Maya & Aztecs | <p><u>Intro to Science</u></p> <ul style="list-style-type: none"> -Lab Safety -Graduated Cylinder Practice -Following Directions Lab <p><u>Unit: Formation and Movement of Galaxies</u></p> <ul style="list-style-type: none"> -Scaled Universe Timeline - Explore 1 -Explore 2 -Kessler Stations Big Bang Theory -Theories of the Universe (Inquiry on Kessler) -Evidence-based claim -Explore 3 -Kessler Stations- Galaxies and Lightyears -Lightyear Inquiry (Kessler) -Research galaxy project -Lightyear model <p>Standards: MS-ESS1-1, MS-ESS1-2, MS-ESS1-3</p> | <p><u>Unit 1</u></p> <ul style="list-style-type: none"> - Narrative Nonfiction - Realistic Fiction - Argumentative Text - Sentences, fragments, and run-ons - Note-taking - Conjunctions - Main Idea & Key Details - Using text evidence/key details - Similes and Metaphors - Imagery - Writing narratives - Determine the meaning of words by using context clues - Making predictions |

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| <p>-Part:Part:Whole Ratios</p> <p>Standards: 6.RP.A.1, 6.RP.A.3, 6.RP.A.3.b 6.RP.A.2, 6.RP.A.3.a</p> | <p><u>and Decimals</u></p> <p>-Making sense of division -Dividing fractions -Fractions in lengths, areas, and volumes</p> <p>Standards: 6.G.A.1, 6.NS.A.1 7.RP.A.1</p> | <p>Standards: 6.GEO.5.c, 6.GEO.5.d 6.CIV.6.a., 6.Civ.14.a, 6.HIS.2.a, 6.Geo.4.b, 6. Eco.1.a, 6. Eco.3.a, 6.Eco.4.a, 6.Eco.8.a, 6.eco.15.a, 6.His.3.a</p> <p><u>South America</u></p> <p>-Physical and Political Maps -Geography, Economics, Government, History, Culture -Inca</p> <p>Standards: 6.GEO.5.c, 6.GEO.5.d 6.CIV.6.a., 6.Civ.14.a, 6.HIS.2.a, 6.Geo.4.b, 6. Eco.1.a, 6. Eco.3.a, 6.Eco.4.a, 6.Eco.8.a, 6.eco.15.a, 6.His.3.a</p> | <p><u>Unit: The Solar System</u></p> <p>-Explore 1 -Explore 2 -Explore 3 -Kessler Stations-Gravity -Gravity Lab</p> <p>Standards: MS-ESS1-1, MS-ESS1-2, MS-ESS1-3</p> <p><u>Unit: Earth, Sun, and Moon</u></p> <p>-Explore 1 -Explore 2 -Explore 3 -Ocean Tides Inquiry lab (gravity and inertia) -Neap and Spring tide notes and model -Moon phases, tides, and eclipses story board</p> <p>-Gravitational pull project (choice tide, planet orbit, lunar cycle)</p> <p>Standards: MS-ESS1-1, MS-ESS1-2, MS-ESS1-3</p> | <p>Standards: RL.6.1, RL.6.4, RI.6.1, RI.6.2, RI.6.3, W.6.3.a-e, W.6.4, W.6.5, W.6.6, L.6.1, L.6.2.A, L.6.2.B, L.6.3, L.6.4.A</p> <p><u>Unit 2</u></p> <p>Historical Fiction Book Clubs</p> <ul style="list-style-type: none"> - Expository research - Point of View - Poetry and Fables - Theme - Single Paragraph Outlines - Paragraph summaries - Personification - Connotation - Club projects - Poetry writing <p>Standards RL.6.2, RL.6.3, RL.6.4, RL.6.9, RI.6.4, RI.6.5, W.6.2, W.6.7, W.6.8, W.6.9A, SL.6.1.A, SL.6.1.B, SL.6.1.C, SL.6.1.D, SL.6.4, SL.6.5, L.6.3.A, L.6.4.A, L.6.4.B, L.6.4.C, L.6.5.A, L.6.5.B, L.6.5.C</p> |
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| <p><u>Unit 3- Unit Rate and Percentages</u></p> <ul style="list-style-type: none"> - Units of Measure -Unit Conversion -Rates -Percentages <p>Standards: 6.RP.A.2, 6.RP.A.3.d , 6.RP.A.3.b, 6.RP.A.3 6.RP.A.3.c</p> <p><u>Unit 4- Dividing Fractions</u></p> <ul style="list-style-type: none"> -Making sense of division -Meaning of fraction division -Algorithm for fraction division -Fractions in lengths, areas, and volumes <p>Standards: 6.NS.A.1 , 6.G.A.1 , 6.G.A.2</p> <p><u>Unit 5- Arithmetic and Base-10</u></p> <ul style="list-style-type: none"> -Adding and | <p><u>Unit 3- Fractions and Decimals (continued)</u></p> <ul style="list-style-type: none"> -Adding and subtracting decimals -Multiplying decimals -Dividing decimals <p>Standards: 6.EE.A , 6.NS.B 6.NS.B.3, 6.NS.B.2</p> <p><u>Unit 4- Equations and Expressions</u></p> <ul style="list-style-type: none"> -Equations in one variable -Equal and equivalent -Expressions with exponents -Relationships between quantities <p>Standards: 6.EE.B , 6.EE.B.5 6.EE.B.6 , 6.EE.B.7 6.NS.B.3, 6.EE.A.2.a 6.EE.A.2.c, 6.EE.A.4</p> | <p><u>Europe</u></p> <ul style="list-style-type: none"> -Political & physical Maps & features -Europe before WWI <p>Standards 6.Geo.4.a., 6.Geo.5.c., 6.Geo.5.d., 6.Civ.6.a, 6.Civ.14.a, 6.His.2.a.</p> <p><u>World War I</u></p> <ul style="list-style-type: none"> -Causes of WWI -Timeline: significant people, events, dates. major events -Treaty of Versailles -World Leaders <p>Standards: 6.Geo.4.a., 6.Geo.5.c., 6.Geo.5.d., 6.Civ.6.a, 6.Civ.14.a, 6.His.2.a.</p> <p><u>World War II</u></p> <ul style="list-style-type: none"> -Causes of WWII -Timeline: significant people, events, dates. major events -World Leaders <p>Standards: 6.Geo.4.a., 6.Geo.5.c., 6.Geo.5.d., 6.Civ.6.a, 6.Civ.14.a, 6.His.2.a.</p> | <p><u>Unit: Geological History of the Earth</u></p> <ul style="list-style-type: none"> -Superposition hook -Explore 1 -Kessler Stations: Geological Timescale -Geological timescale inquiry (Kessler) -Geological timescale project -Explore 3 <p>Standards: MS-ESS1-4 MS-ESS2-2, MS-ESS2-3</p> <p><u>Unit: Plate Tectonics</u> -Trilobite Hook</p> <ul style="list-style-type: none"> -Explore 1 -Kessler Stations -Explore 2 -Explore 3 <p>Standards: MS-ESS2-1 MS-ESS2-4, MS-ESS3-1</p> <p><u>Unit: Seafloor Spreading</u></p> <ul style="list-style-type: none"> -Explore 1 -Trench graph -Layers of the Earth article | <p><u>Unit 3</u></p> <ul style="list-style-type: none"> - Realistic Fiction - Narrative Non-Fiction - Argumentative Text - Short Stories - Argumentative Essay Writing and Debates - Multiple Paragraph Outlines and Compositions - Revisions - Theme - Point of View - Determine the meaning of words by using context clues - Verb Tenses - Linking Verbs <p>Standards: RL.6.2, RL.6.3, RL.6.4, RL.6.6, RI.6.7, RI.6.8, W.6.1.A, W.6.1.B, W.6.1.C, W.6.1.D, W.6.1.E, W.6.4, W.6.5, W.6.6, W.6.9.A, SI.6.1, SL.6.2, SL.6.3, SL.6.4, L.6.3.A, L.6.3.B, L.6.4.D</p> <p><u>Unit 4</u></p> |
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| <p>subtracting decimals -Multiplying decimals -Dividing decimals</p> <p>Standards: 6.NS.B.3, 6.EE.A, ,6.NS.B 6.NS.B.2</p> | <p>6.EE.A.2</p> <p><u>Unit 5- Proportional Relationships</u></p> <p>-Representing proportional relationships with equations -Comparing proportional and non-proportional relationships -Representing proportional relationships with graphs</p> <p>Standards: 7.RPA , 7.RPA.2 , 7.RPA.2.b 7.RPA.2.c, 7.G.B.6 , 7.RPA.1 7.G.A , 7.G.A.2, 7.G.B.4 7.EE.B.3</p> | <p><u>Holocaust</u> -Overview Number the Stars</p> <p>Standards: 6.Geo.4.a., 6.Geo.5.c., 6.Geo.5.d., 6.Civ.6.a, 6.Civ.14.a, 6.His.2.a.</p> | <p>and diagram -Plate Boundary inquiry (Kessler) Kessler Stations- Plate Boundary -Plate Boundary diagram (search and find) -Plate Boundary project</p> <p>Standards: MS-ESS2-1, MS-ESS2-2,</p> | <p>- Biography - Revisions - Making inferences - Idioms - Theme - Using text evidence/key details - Determine the meaning of words by using context clues</p> <p>Standards: RI.6.4, RI.6.5, RI.6.6, RI.6.7, RI.6.7, W.6.2, SL.6.2, L.6.1, L.6.2, L6.3</p> |
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| <p><u>Unit 6- Expressions and Equations</u></p> <p>-Equations in one variable -Equal and equivalent -Expressions with exponents -Relationships between two quantities</p> <p>Standards: 6.EE.B.6, 6.EE.B.5 , 6.EE.B.7 6.NS.B.3, 6.EE.A.2.a 6.EE.A.2.c, 6.EE.A.4 6.EE.C.9 , 6.RP.A.1 , 6.RP.A.3.a 6.RP.A.3.b</p> <p><u>Unit 7- Rational Numbers</u></p> <p>-Negative numbers and absolute value -Inequalities -The coordinate plane -Common factors and multiples</p> <p>Standards: 6.NS.C.5 , 6.NS.C.6 6.NS.C.6.a , 6.NS.C.6.c 6.NS.C.7.a , 6.NS.C.7.b</p> | <p><u>Unit 6- Percent Increase and Decrease</u></p> <p>-Proportional relationships with fractions -Percent increase and decrease -Applying percentages</p> <p>Standards: 7.NS.A.2.d, 7.RP.A.2 7.RP.A.3</p> <p><u>Unit 7- Rational Numbers</u></p> <p>-Negative numbers and absolute value -Adding and subtracting rational numbers -The coordinate plane -Multiplying and dividing rational numbers -Equations with rational numbers</p> | <p><u>5 Regions of Africa</u> -Political & Physical Map -Eastern Africa -Western Africa -Northern Africa -Southern Africa -Central Africa -Souviner Project</p> <p>Long Walk to Water</p> <p>6.GEO.5.c, 6.GEO.5.d 6.CIV.6.a., 6.Civ.14.a, 6.HIS.2.a, 6.Geo.4.b, 6. Eco.1.a, 6. Eco.3.a, 6.Eco.4.a, 6.Eco.8.a, 6.eco.15.a, 6.His.3.a</p> | <p><u>Unit: Weathering and Erosion</u></p> <p>-Kessler Stations Weathering and Erosion -Explore 1 -Explore 2 -Explore 3 -Weathering sort</p> <p>Standards: MS-ESS2-5 MS-ESS2-6 MS-ESS2-4</p> <p><u>Unit: Geoscience Processes</u></p> <p>-Explore 1 -Explore 2 -Explore 3</p> <p>Standards: MS-ESS3-1, MS-ESS3-2, MS-ESS2-3-3, MS-ESS</p> <p><u>Unit: Water Cycle</u></p> <p>-Explore 1 -Explore 2</p> <p>Standards: MS-ESS2-2 MS-ESS2-3, MS-ESS2-4</p> | <p><u>Unit 4 (continued)</u> - Drama - Poetry - Homophones - Theme - Pronouns and Subject Pronoun-Verb Agreement - Adjectives and Ordering Of - Alliteration - Free verse & Narrative Poetry</p> <p>Standards: RL.6.4, RL.6.5, RL.6.6, RI.6.7, W.6.2, L.6.1, L.6.2, L.6.3, L.6.4</p> <p><u>Unit 5</u></p> <p>- Expository Text - Historical Fiction - Argumentative Text - Using text evidence/key details - Identify cause and effect relationships - Identify and use</p> |
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| <p>6.NS.C.7, 6.NS.C.7.d 6.EE.B.6 , 6.EE.B.8 6.EE.B.5, 6.NS.C.7.a 6.EE.A.2.b</p> <p><u>Unit8-DataSets andDistributions</u></p> <p>-Data, variability, and statistical questions -Dot plots and histograms -Measures of center and variability -Median and IQR</p> <p>Standards: 6.SP.A , 6.SP.A.1 , 6.SP.B 6.SP.B.5.b, 6.SP.B.4 6.SP.B.5.a, 6.SP.A.2 6.SP.A.3 , 6.SP.B.4 6.SP.B.5.c , 6.SP.B.5.d</p> | <p>Standards: 6.NS.C , 6.NS.C.5 6.NS.C.6 , 6.NS.C.6.a 6.NS.C.7, 6.NS.C.7.c 6.NS.C.7.d, 7.NS.A.1.a 7.NS.A.1.b7.NS.A.1.c 7.NS.A.1.d, 7.EE.B.3 7.NS.A.3 , 7.RP.A.2 7.EE.B.4 , 7.EE.B.4.a 7.NS.A.3</p> <p><u>Unit8-DataSet andDistributions</u></p> <p>-Dotplotsand histograms -Measuresof centerand variability -Sampling -Probabilities in singlestepevents</p> <p>Standards: 6.SP.A.1 , 6.SP.A.2 6.SP.A.3 , 6.SP.B.4 6.SP.B.5.b, 6.SP.B.5.c 6.SP.B.5.d, 7.SP.A , 7.SP.A.1 7.SP.A.2, 7.SP.B, 7.SP.C.7, 7.SP.B.4, 7.SP.C.5 , 7.SP.C.6 7.SP.C.8.a, 7.SP.C.8.c</p> | | | <p>textfeatures -Adjectivesand Articles - Informative/exp- ositorywriting -Revisingother writingskillsas needed</p> <p>Standards: RI.6.7, RI.6.8, RI.6.9, W.6.7, W.6.9.B, SL.6.3, SI.6.4, SL.6.5</p> <p><u>Unit 6</u> Realistic Fiction Book Clubs - Visual analysis - Hyperbole - Using text evidence/key details - Determine the meaning of words byusingcontext clues -Revisitingother writingskillsas needed</p> <p>Standards: RL.6.10, RI.6.10, W.6.10, SL.6.6, L.6.5, L6.6</p> |
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