

Prioritized Curriculum Standards

4th Grade

MATH	
Content/Measurement Topic	NAD Standard (CCSSM)
Place Value <ul style="list-style-type: none"> • 4.PV1 - Convert multi-digit whole numbers between forms. • 4.PV2 - Compare multi-digit whole numbers using $<$, $>$, and $=$ symbols. 	4.NO.1 (4.NBT.1,3) 4.NO.2 (4.NBT.2)
Addition and Subtraction <ul style="list-style-type: none"> • 4.AS1 - Add multi-digit whole numbers using the standard algorithm to solve real-world problems. • 4.AS2 - Subtract multi-digit whole numbers using the standard algorithm to solve real-world problems. 	4.NO.3 (4.NBT.4,5,6) 4.NO.3 (4.NBT.4,5,6)
Multiplication <ul style="list-style-type: none"> • 4.M1 - Multiply multi-digit whole numbers. • 4.M2 - Solve word problems involving multiplicative comparisons. 	4.OAT.1 4.OAT.2 (4.OA.1,2,3)
Division <ul style="list-style-type: none"> • 4.D1 - Find the quotients of division problems with multi-digit whole-number dividends and single-digit whole-number divisors. • 4.D2 - Solve division problems involving quotients with remainders. 	4.NO.3 (4.NBT.4,5,6) 4.OAT.2 (4.OA.1,2,3)
Factors and Multiples <ul style="list-style-type: none"> • 4.FAM1 - Find factor pairs and multiples of numbers under 100. 	4.OAT.3 (4.OA.4) 4.OAT.4
Equivalent Fractions <ul style="list-style-type: none"> • 4.EF1 - Generate equivalent fractions using models or diagrams. • 4.EF2 - Generate equivalent fractions arithmetically. • 4.EF3 - Compare fractions with different numerators and denominators. 	4.NO.4 (4.NF.1,2) 4.NO.4 (4.NF.1,2) 4.NO.4 (4.NF.1,2)
Fraction Addition and Subtraction <ul style="list-style-type: none"> • 4.FAS1 - Solve problems involving the addition and subtraction of fractions with like denominators. • 4.FAS2 - Solve problems involving the addition and subtraction of mixed numbers with like denominators. 	4.NO.5 (4.NF.3,4) 4.NO.5 (4.NF.3,4)

<p>Fraction Multiplication</p> <ul style="list-style-type: none"> • 4.FM1 - Solve problems involving the multiplication of fractions with whole numbers. 	4.NO.5 (4.NF.3,4)
<p>Decimal Fractions</p> <ul style="list-style-type: none"> • 4.DF1 - Add fractions with unlike denominators that are powers of 10. • 4.DF2 - Convert between decimal values and fractions with denominators that are powers of 10. • 4.DF3 - Compare decimal values to the hundredths place. 	<p>4.NO.4 (4.NF.1,2)</p> <p>4.NO.6 (4.NF.5,6,7)</p> <p>4.NO.6 (4.NF.5,6,7)</p>
<p>Patterns</p> <ul style="list-style-type: none"> • 4.P1 - Analyze the features of numerical patterns. • 4.P2 - Analyze the features of geometric patterns. 	<p>4.OAT.5 (4.OA.5)</p> <p>4.OAT.5 (4.OA.5)</p>
<p>Measurement Conversions</p> <ul style="list-style-type: none"> • 4.MC1 - Express measurements in a given unit in terms of a smaller unit within the same measurement system. • 4.MC2 - Solve problems involving measurements of length, mass, liquid volume, time, and money expressed in different units. 	<p>4.M.1 (4.MD.2)</p> <p>4.M.2 (4.MD.1)</p>
<p>Area and Perimeter</p> <ul style="list-style-type: none"> • 4.AP1 - Calculate perimeters, areas, and unknown side lengths of rectangles. • 4.AP2 - Solve word problems involving the perimeter and area formulas for rectangles. 	<p>4.M.3 (4.MD.3)</p> <p>4.M.3 (4.MD.3)</p>
<p>Two-Dimensional Figures</p> <ul style="list-style-type: none"> • 4.TF1 - Classify two-dimensional figures according to the properties of their lines and angles. • 4.TF2 - Identify line symmetry and rotational symmetry in two-dimensional figures. • 4.TF3 - Describe rigid transformations of two-dimensional figures. 	<p>4.GEO.3 (4.G.3)</p> <p>4.GEO.3 (4.G.3)</p> <p>4.GEO.3 (4.G.3)</p>
<p>Angles</p> <ul style="list-style-type: none"> • 4.A1 - Identify the measure of a given angle. • 4.A2 - Draw angles of a specified measure. • 4.A3 - Calculate the measures of unknown angles. 	<p>4.M.5 (4.MD.5,6,7)</p> <p>4.M.5 (4.MD.5,6,7)</p> <p>4.M.5 (4.MD.5,6,7)</p>
<p>Lines</p> <ul style="list-style-type: none"> • 4.L1 - Sketch points, lines, line segments, and rays. • 4.L2 - Sketch parallel and perpendicular lines. 	<p>4.M.5 (4.MD.5,6,7)</p> <p>4.GEO.1 (4.G.1)</p> <p>4.GEO.2 (4.G.2)</p>

ELA	
Content/Measurement Topic	NAD Standard (CCSELA)
Decoding <ul style="list-style-type: none"> • 4.D1 - Decode unfamiliar words using context clues, roots and affixes, and syllabication patterns • 4.D2 - Read aloud accurately and fluently 	LA.4.RF.1 (RF.4.3) LA.4.RF.2 (RF.4.4a-b)
Analyzing Text Organization and Structure <ul style="list-style-type: none"> • 4.ATOS1 - Describe the organizational structure of a text • 4.ATOS2 - Explain how text features and visual or multimedia presentations of information help organize a text 	LA.4.RI.5 (RI.4.5) LA.4.RI.7 (RI.4.7)
Text Features <ul style="list-style-type: none"> • 4.TF1 - Use headings, formatting, and other text features to help the audience understand a text's ideas 	LA.4.W.2 (W.4.2)
Text Types <ul style="list-style-type: none"> • 4.TT1 - Compare poems, fictional prose, nonfiction prose, and dramas • 4.TT2 - Write an informational text 	LA.4.RL.5 (RL.4.5) LA.4.W.2 (W.4.2)
Analyzing Ideas and Themes <ul style="list-style-type: none"> • 4.AIT1 - Summarize a text by describing its main idea and related details • 4.AIT2 - Identify a theme in a text 	LA.4.RL.2 (RL.4.2) LA.R.RI.2 (RI.4.2) LA.4.SL.2 (SL.4.2)
Analyzing Claims, Evidence, and Reasoning <ul style="list-style-type: none"> • 4.ACER1 - Explain how reasons and evidence support an author's opinion 	LA.4.RL.1 (RL.4.1) LA.4.RI.1 (RI.4.1) LA.4.RI.8 (RI.4.8) LA.4.SL.3 (SL.4.3)
Analyzing Narratives <ul style="list-style-type: none"> • 4.AN1 - Describe a character, event, or setting using specific details from a narrative text 	LA.4.RL.3 (RL.4.3)
Analyzing Point of View <ul style="list-style-type: none"> • 4.APV1 - Describe the narrator of a text 	LA.4.RL.6 (RL.4.6)

<p>Comparing Texts</p> <ul style="list-style-type: none"> • 4.CT1 - Compare a firsthand and secondhand account of the same event or topic • 4.CT2 - Compare a visual or oral representation of a text to the source text • 4.CT3 - Compare two oral traditions (such as myths, parables, or folktales) from different cultures 	<p>LA.4.RL.7 (RL.4.7)</p> <p>LA.4.RL.8 (RL.4.9)</p> <p>LA.4.RI.6 (RI.4.6)</p>
<p>Analyzing Words</p> <ul style="list-style-type: none"> • 4.AW1 - Use context clues and text resources to determine the meaning of domain-specific and academic vocabulary • 4.AW2 - Explain the relationships between synonyms, antonyms, and homophones 	<p>LA.4.RF.3 (RF.4.4c)</p> <p>LA.4.RL.1 (RL.4.1)</p> <p>LA.4.RI.4 (RI.4.4)</p> <p>LA.4.L.1 (L.4.1)</p> <p>LA.4.L.4 (L.4.4)</p> <p>LA.4.L.5 (L.4.5)</p>
<p>Analyzing Language</p> <ul style="list-style-type: none"> • 4.AL1 - Describe the purpose of similes and metaphors 	<p>LA.4.L.5 (L.4.5)</p>
<p>Generating Text Organization and Structure</p> <ul style="list-style-type: none"> • 4.GTOS1 - Introduce a topic by providing relevant background information • 4.GTOS2 - Group related information into paragraphs or sections • 4.GTOS3 - Use words and phrases to link details to a topic or claim • 4.GTOS4 - Conclude a topic by explaining why it is important 	<p>LA.4.W.1 (W.4.1)</p> <p>LA.4.W.2 (W.4.2)</p> <p>LA.4.SL.4 (SL.4.4)</p> <p>LA.4.L.6 (L.4.6)</p>
<p>Generating Claims, Evidence, and Reasoning</p> <ul style="list-style-type: none"> • 4.GCER1 - State an opinion and clear reasons for that opinion • 4.GCER2 - Give evidence to support an opinion, answer, or inference 	<p>LA.4.W.1 (W.4.1)</p> <p>LA.4.W.1 (W.4.1)</p>

<p>Sources and Research</p> <ul style="list-style-type: none"> • 4.SR1 - Gather information about a particular topic from two texts • 4.SR2 - Explain specific concepts, procedures, or events in nonfiction texts 	<p>LA.4.RI.3 (RI.4.3)</p> <p>LA.4.RI.9 (RI.4.9)</p> <p>LA.4.W.2 (W.4.2)</p> <p>LA.4.W.9 (W.4.7)</p> <p>LA.4.W.10 (W.4.8)</p> <p>LA.4.W.11 (W.4.9)</p>
<p>Generating Narratives</p> <ul style="list-style-type: none"> • 4.GN1 - Organize the events in a narrative chronologically or logically, using transitions to indicate order • 4.GN2 - Use descriptive language to convey events and character experiences in a narrative • 4.GN3 - Use dialogue to convey a narrative's conflict or problem 	<p>LA.4.W.3 (W.4.3)</p> <p>LA.4.L.3 (L.4.3)</p> <p>LA.4.W.3 (W.4.3)</p>
<p>Revision</p> <ul style="list-style-type: none"> • 4.R1 - Combine sentences to add complexity to a draft • 4.R2 - Clarify a draft's main ideas and focus 	<p>LA.4.L.1 (L.4.1)</p> <p>LA.4.W.5 (W.4.4)</p> <p>LA.4.W.6 (W.4.5)</p>
<p>Parts of Speech</p> <ul style="list-style-type: none"> • 4.PS1 - Use modal auxiliary verbs correctly • 4.PS2 - Use progressive verb tenses correctly • 4.PS3 - Use relative adverbs and pronouns correctly • 4.PS4 - Order adjectives in a sentence correctly 	<p>LA.4.L.1 (L.4.1)</p> <p>LA.4.L.1 (L.4.1)</p> <p>LA.4.L.1 (L.4.1)</p> <p>LA.4.L.1 (L.4.1)</p>
<p>Editing</p> <ul style="list-style-type: none"> • 4.00E+01 - Edit for subject/verb agreement and the use of double negatives • 4.00E+02 - Edit for capitalization • 4.00E+03 - Edit punctuation so that it accurately expresses meaning and follows standard punctuation rules • 4.00E+04 - Edit for spelling 	<p>LA.4.W.6 (W.4.5)</p> <p>LA.4.L.2 (L.4.2)</p> <p>LA.4.L.3 (L.4.3)</p> <p>LA.4.L.2 (L.4.2)</p>

SCIENCE	
Content/Measurement Topic	NAD Standards (NGSS)
Energy <ul style="list-style-type: none"> • 4.00E+01 - Explain how energy converts between different forms • 4.00E+02 - Explain that energy can travel over a distance 	S.3-5.PS.11 (4-PS3-2) S.3-5.PS.11 (4-PS3-2)
Motion <ul style="list-style-type: none"> • 4.M1 - Explain the relationship between the speed and energy of an object • 4.M2 - Explain how energy is transferred when objects collide 	S.3-5.PS.10 (4-PS3-1) S.3-5.PS.12 (4-PS3-3)
Light and Vision <ul style="list-style-type: none"> • 4.LV1 - Explain how vision is a product of light reflecting off objects and entering the eye 	S.3-5.PS.16 (4-PS4-2)
Waves <ul style="list-style-type: none"> • 4.W1 - Identify patterns related to a wave's amplitude and wavelength • 4.W2 - Explain how waves can cause objects to move 	S.3-5.PS.15 (4-PS4-1) S.3-5.PS.15 (4-PS4-1)
Information Transfer <ul style="list-style-type: none"> • 4.IT1 - Explain how patterns can be used to transfer information 	S.3-5.PS.17 (4-PS4-3)
Geographic Features <ul style="list-style-type: none"> • 4.GF1 - Model patterns of Earth's features 	S.3-5.ES.4 (4-ESS2-2)
Earth Changes <ul style="list-style-type: none"> • 4.EC1 - Identify factors that contribute to weathering and erosion • 4.EC2 - Use patterns in rock formations to explain how a landscape has changed over time 	S.3-5.ES.3 (4-ESS2-1) S.3-5.ES.3 (4-ESS2-1)
Earth's History <ul style="list-style-type: none"> • 4.EH1 - Explain how fossils can be used to describe how a landscape has changed over time 	S.3-5.ES.11 (4-ESS1-1)
Natural Hazards <ul style="list-style-type: none"> • 4.NH1 - Explain how to reduce the impacts of a natural hazard caused by Earth processes 	S.3-5.ES.9 (4-ESS3-2)
Natural Resources <ul style="list-style-type: none"> • 4.NR1 - Describe how different methods of energy production use natural resources • 4.NR2 - Describe the impacts of different methods of energy production on the environment 	S.3-5.ES.8 (4-ESS3-1) S.3-5.ES.8 (4-ESS3-1)

<p>Plant Needs</p> <ul style="list-style-type: none"> • 4.PN1 - Explain how specific plant structures contribute to a plant’s survival, growth, or reproduction 	<p>S.3-5.LS.2 (4-LS1-1)</p> <p>S.3-5.LS.4 (5-LS1-1)</p> <p>S.3-5.LS.10 (3-LS4-2)</p> <p>S.3-5.LS.12 (3-LS4-4)</p>
<p>Animal Needs</p> <ul style="list-style-type: none"> • 4.AN1 - Explain how specific animal structures contribute to an animal’s survival, growth, or reproduction • 4.AN2 - Explain how animals’ response to stimuli support their survival, growth, or reproduction 	<p>S.3-5.LS.3 (4-LS1-2)</p> <p>S.3-5.LS.3 (4-LS1-2)</p>
<p>Defining Engineering Design Problems</p> <ul style="list-style-type: none"> • 4.DEDP1 - Specify the criteria for an engineering design problem • 4.DEDP2 - Specify the constraints for an engineering design problem 	<p>S.3-5.ET.1 (3-5-ETS1-1)</p> <p>S.3-5.ET.1 (3-5-ETS1-1)</p>
<p>Solutions for Engineering Design Problems</p> <ul style="list-style-type: none"> • 4.SEDP1 - Research an engineering design problem • 4.SEDP2 - Generate possible solutions to an engineering design problem • 4.SEDP3 - Test possible solutions to an engineering design problem to identify failure points or difficulties 	<p>S.3-5.ET.2 (3-5-ETS1-2)</p> <p>S.3-5.ET.3 (3-5-ETS1-3)</p> <p>S.3-5.ET.2 (3-5-ETS1-2)</p>
<p>Scientific Method</p> <ul style="list-style-type: none"> • 4.SM1 - Use the scientific method to conduct an experiment 	<p>S.K-2.ET.1 (K-2-ETS1-1)</p>
<p>Health Promotion and Disease Prevention</p> <ul style="list-style-type: none"> • 4.HS2 - Construct an argument that spiritual, emotional, intellectual, physical, and social health are interrelated and dependent on one another • 4.HS3 - Analyze patterns of accidental injuries in different locations 	<p>S.3-5.HS.2</p> <p>S.3-5.HS.3</p>

SOCIAL STUDIES	
Content/Measurement Topic	NAD Standard (NCSS)
<p>American Cultural History</p> <ul style="list-style-type: none"> • 4.ACH1 - Explain how stories, songs, art, and language from various groups and regions have influenced the development of the United States 	<p>SS.K-4.TCC.3 (KE 2.3)(PE 2.3)</p> <p>SS.K-4.C.8 (PE 1.5)</p>

<p>Change and Continuity</p> <ul style="list-style-type: none"> • 4.CHCN1 - Describe patterns of change and continuity in the history of the community, state, and nation, and in the lives of people of various cultures from times long ago until today 	<p>SS.K-4.TCC.3 (KE 2.3)(PE 2.3)</p> <p>SS.5-8.TCC.6 (KM 2.5)(PM 2.1)</p> <p>SS.5-8.GC.5 (PM 9.3)</p>
<p>Demographic Characteristics</p> <ul style="list-style-type: none"> • 4.DC1 - Compare the demographic characteristics of people in the local area 	<p>SS.5-8.PPE.6 (KM 3.6)</p> <p>SS.K-4.PPE.8 (KE 3.8)(PE 3.1)</p>
<p>Distributions of People, Places, and Environments</p> <ul style="list-style-type: none"> • 4.DPPE1 - Compare distributions of people, places, and environments to examine spatial patterns, sequences, regularities, and irregularities 	<p>SS.K-4.PPE.6 (KE 3.4)</p>
<p>Geographic Context</p> <ul style="list-style-type: none"> • 4.GC1 - Analyze the effects of the geographic context on historical and contemporary people and events 	<p>SS.K-4.PPE.4 (KE 3.3)</p>
<p>Geographic Representations</p> <ul style="list-style-type: none"> • 4.GR1 - Evaluate how different geographic representations and geospatial technologies represent geospatial information 	<p>SS.K-4.PPE.3 (PE 3.3) (KE 3.9)</p> <p>SS.5-8.PPE.11 (KM 3.9) (PM 3.2)</p>
<p>Government Revenues and Services</p> <ul style="list-style-type: none"> • 4.GRS1 - Describe the major services provided by local, state, and national governments and how they pay for those services 	<p>SS.K-4.PAG.9 (KE 6.5) (PE 6.4)</p> <p>SS.5-8.PAG.7 (KM 6.5)</p> <p>SS.K-4.IGI.6 (KE 5.5)</p>
<p>Historical Impact</p> <ul style="list-style-type: none"> • 4.HIM1 - Explain different factors that have an impact on history, including individuals, ideas, decisions, events, and chance 	<p>SS.K-4.TCC.7 (KE 2.5)(PE 2.4)</p> <p>SS.K-4.TCC.5</p> <p>SS.K-4.TCC.9</p>
<p>Locations and Geographic Characteristics</p> <ul style="list-style-type: none"> • 4.LGC1 - Identify from memory locations and geographic characteristics of the country and world to answer geographic questions 	<p>SS.5-8.PPE.3 (PM 3.1)</p> <p>SS.5-8.PPE.5 (KM 3.5)</p> <p>SS.5-8.PPE.7 (KE 3.6)</p>

<p>Places and Regions</p> <ul style="list-style-type: none"> • 4.PR1 - Compare the distinguishing characteristics and identity of different regions • 4.PR2 - Explain changes in the characteristics of places and regions 	<p>SS.5-8.PPE.5 (KM 3.5)</p> <p>SS.5-8.PPE.5 (KM 3.5)</p>
<p>Settlement Development Patterns</p> <ul style="list-style-type: none"> • 3-5.SDP1 - Describe settlement patterns that characterize the development of a community or state 	<p>SS.K-4.PPE.6 (KE 3.4)</p>
<p>Supporting Conflict and Cooperation</p> <ul style="list-style-type: none"> • 3-5.CNCO1 - Explain the major goals, methods, and motivations for interactions between nations 	<p>SS.K-4.GC.4 (KE 9.3)(PE 9.7)(PE 9.8)</p> <p>SS.5-8.GC.5 (KM 9.5) (PM9.3)</p> <p>SS.K-4.PDC.9</p> <p>SS.5-8.PDC.2</p>
<p>Supporting History of Cities</p> <ul style="list-style-type: none"> • 3-5.HC1 - Describe how the characteristics (location, functions, shape, daily life) of urban areas and communities have changed over time 	<p>SS. K-4.TCC.10 (KE 2.7)(PE 2.7)(PE 2.8)</p> <p>SS. K-4.PPE.6 (KE 3.4)</p>
<p>Supporting Modeling Physical and Human Systems</p> <ul style="list-style-type: none"> • 4.MPHS1 - Construct models illustrating the properties of physical and human systems 	<p>SS.K-4.PPE.3 (KE 3.9)(PE 3.3)</p>
<p>Supporting Natural Resources</p> <ul style="list-style-type: none"> • 4.NR1 - Explain the characteristics, locations, and uses of renewable resources, flow resources, and nonrenewable resources • 4.NR2 - Explain how different types of resources can be managed, conserved, reused, and recycled, and why it is important to do so 	<p>SS.K-4.PPE.11 (KE 3.7)</p> <p>SS.K-4.PDC.2</p>
<p>The Local Community</p> <ul style="list-style-type: none"> • 4.LC1 - Describe the history of the local community since its founding, including the people who came, significant events, and changes in the community over time • 4.LC2 - Explain how people in the local community have worked for the common good 	<p>SS.K-4.TCC.4 (KE 2.4)(PE 2.6)</p> <p>SS.K-4.IGI.8</p> <p>SS.5-8.IGI.12</p> <p>SS.K-4.IGI.3</p>

<p>The State or Region</p> <ul style="list-style-type: none"> • 4.SR1 - Describe the settlement of the state or region, including the first inhabitants who lived there, each successive group of arrivals and their places of origin, and significant changes that occurred as a result of each group's arrival • 4.SR2 - Describe the history of the state or region, including the chronological order of major events, their significance and the impact on people then and now, and their relationship to the history of the nation 	<p>SS.K-4.TCC.1 (KE 2.1)(PE 2.1)</p> <p>SS.5-8.TCC.9 (KM 2.9)(PM 2.4)</p>
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