



LINCOLN-WOODSTOCK COOPERATIVE SCHOOL DISTRICT COURSE SYLLABUS

Grade: 3

Teacher: Russ Bradshaw

Description: This syllabus provides an overview of each of the major subject areas taught in 3rd grade. For each subject area, the sequence of units/modules and aligned essential questions/enduring understandings and academic standards are provided.

Learning Outcomes:

In addition to the ELA, math, science, and social studies standards documented below, 3rd graders are also actively working toward our Portrait of a Learner competencies reflected in our 3-5 Portrait of a Learner rubrics:

- 3-5 Independent Learner
- 3-5 Responsible Collaborator
- 3-5 Effective Communicator
- 3-5 Critical Thinker
- 3-5 Global Citizen

Anchor Texts or Major Curriculum:

- Eureka Math Squared - Math
- Wit and Wisdom- Language
- UFLI - Phonics Instruction
- Mystery Science - Science

Course Outline (major units of study):

MATH		
Unit Title	Essential Question or Overarching Understanding	Standards or Competencies Assessed
Module 1: Multiplication with Units of 2,3,4,5, and 10	How can I use equal groups and arrays to represent and solve multiplication and division problems? What is the relationship between multiplication and	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5

	division, and how does that help me solve for unknown factors?	3.OA.B.6 3.OA.C.7 3.OA.D.8
Module 2: Place Value Concepts Through Metric Measurement	How do I use my understanding of place value to round numbers and add/subtract within 1,000? How do I use kilograms, grams, liters, and milliliters to estimate and solve measurement word problems?	3.OA.D.8 3.NBT.A.1 3.NBT.A.2 3.MD.A.2 3.MD.B.3 3.MD.B.3
Module 3: Multiplication and Division with Units of 0, 1, 6, 7, 8, and 9	What patterns can I find in multiplication facts for 6, 7, 8, and 9? How can I apply properties of multiplication (like distributive property) to solve more complex problems?	3.MD.B.3 3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.C.7 3.OA.D.8 3.OA.D.9 3.NBT.A.3
Module 4: Multiplication and Area	What is area, and how do I measure it using unit squares? How does multiplication relate to finding the area of a rectangle?	3.G.A.1 3.MD.C.5 3.G.A.1 3.MD.C.5 3.MD.C.5.a 3.MD.C.5.b 3.MD.C.6 3.MD.C.7.a 3.MD.C.7.b 3.MD.C.7.c 3.MD.C.7.d
Module 5: Fractions as Numbers	How can I partition shapes into equal parts and represent them as fractions? How do I place fractions on a number line to compare their size?	3.NF.A.1 3.NF.A.2.a 3.NF.A.2.b 3.NF.A.3.a 3.NF.A.3.b 3.NF.A.3.c 3.NF.A.3.d 3.MD.B.4

		3.G.A.2
Module 6: Geometry, Measurement, and Data	<p>How can I classify and analyze two-dimensional shapes based on their attributes?</p> <p>How do I calculate perimeter and solve complex, multi-step word problems involving measurement?</p> <p>How do I represent data using tally charts, bar graphs, and picture graphs?</p> <p>How can I interpret data to solve one- and two-step word problems?</p>	3.NF.A.1 3.NF.A.1 3.NF.A.2.a 3.NF.A.2.b 3.NF.A.3.a 3.NF.A.3.b 3.NF.A.3.c 3.NF.A.3.d 3.NF.A.3.d 3.MD.B.4 3.G.A.2
LITERACY		
Unit Title	Essential Question or Overarching Understanding	Standards or Competencies Assessed
Module 1: The Sea	Why do people explore the sea?	RL.3.1 RL.3.2 RI.3.1 RI.3.2 RI.3.4 RI.3.5 W.3.2 W.3.4 W.3.8 SL.3.1.b L.3.1.a L.3.1.e L.3.1.i L.3.2.a L.3.4.a
Module 2: Outer Space	How do people learn about space?	RL.3.2 RI.3.3 RI.3.6 RI.3.9 W.3.1 W.3.2

		W3.4 W3.5 W3.8 SL3.1.d SL3.2 SL3.4 L3.1.a L3.1.h L3.1.i L3.4.a L3.4.b L3.5.a L3.5.c
Module 3: A New Home	How do stories help us understand immigrants' experiences?	RL3.1 RL3.3 RL3.6 RL3.9 W3.3 W3.4 SL3.1.a SL3.1.c SL3.3 L3.1.b L3.1.c L3..1.d L3.1.e L3.1.f L3.2.b L3.2.c L3.2.d L3.4.c L3.5.b
Module 4: Artists Make Art	What is an artist?	RL3.4 RL3.5 RL3.7 RL3.8 W3.2 W3.4 W3.6

		W3.7 W3.8 SL3.4 SL3.6 L3.1.g L3.2.e L3.2.f L3.2.g L3.3.a L3.3.b L3.4.d
SCIENCE		
Unit Title	Essential Question or Overarching Understanding	Standards or Competencies Assessed
1: Animals Through Time	<p>Essential Question: How can we find out what happened in the past?</p> <p>Key Question: Where can you find whales in a desert?</p> <p>Focus: Fossil evidence, environmental change over time, and habitats.</p>	3-LS4-1
2: Circle of Life	<p>Essential Question: Why do so many plants and animals have such different life cycles?</p> <p>Key Question: How is your life like an alligator's life?</p> <p>Focus: Life cycles (birth, growth, reproduction, death), pollination, and plant reproduction.</p>	3-LS1-1 3-LS4-4 3-5-ETS1-2
3: Fates of Traits	<p>Essential Question: Why do species survive and thrive in certain environments?</p> <p>Key Question: How could a lizard's toes help it survive?</p>	3-LS2-1 3-LS3-2 3-LS4-2 3-LS4-3

	Focus: Inherited traits, environmental variations, animal groups, and survival traits.	
4: Stormy Skies	<p>Essential Question: How can we predict weather and understand climate?</p> <p>Key Question: Where do clouds come from?</p> <p>Focus: Water cycle, phases of matter, weather patterns, climate, and natural hazards.</p>	<p>3-ESS2-1 3-ESS2-2 3-ESS3-1 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3</p>
5: Invisible Forces	<p>Essential Question: How do invisible forces (magnetism, gravity, friction) affect our lives?</p> <p>Key Question: What can magnets do?</p> <p>Focus: Balanced/unbalanced forces, friction, magnetism, and engineering with forces.</p>	<p>3-PS2-1 3-PS2-2 3-PS2-3 3-PS2-4 3-5-ETS1-1 3-5-ETS1-2 3-5-ETS1-3</p>
SOCIAL STUDIES		
Unit Title	Essential Question or Overarching Understanding	Standards or Competencies Assessed
Native American Study	<p>E.Q.: How did regional environments shape Native American cultures?</p> <p>E.Q.: Why and how do traditions, storytelling, art, values, and language keep culture alive?</p> <p>E.Q.: In what ways did Native American tribes interact with the environment and use its resources to meet their needs in different regions of what is</p>	<p>D.2.Geo.4.3-5 D.2.His.14.3-5</p> <p>D.2.His.2.3-5 D.2.His.3.3-5 D.2.His.4.3-5</p> <p>D.2.Geo.8.3-5</p>

	now the U.S.?	
Early U.S. History and Historical Figures	E.Q.: How and in what ways have specific historical individuals and major events shaped the nation we live in today?	D2.His.2.3-5 D2.His.3.3-5
People, Places, and Environment	E.Q.:How did early Americans change their environment to survive and build towns?	D2.Geo.7.3-5
Power, Authority, Governance	E.Q.: Why did early Americans feel the need to create a new system of government?	D2.Civ.3.3-5
Introduction to Maps and Geography	E.Q.: How do map tools help us explore the world?	D2.Geo.1.3-5
	E.Q. How does where we live shape how we live?	D2.Geo.8.3-5
Physical Features	E.Q. What makes a landform or body of water unique?	D2.Geo.8.3-5
Introduction to Seven Continents	E.Q. How are the seven continents similar and different?	D.2.Geo.7.3-5

Portrait of a Learner

Independent Learner

I make thoughtful plans and do my best to reach personal goals using feedback to work through challenges.

Responsible Collaborator

I work with others to achieve shared goals by listening actively, contributing ideas, and managing conflict.

Critical Thinker

I analyze information, ask thoughtful questions, and apply reasoning skills to solve problems and make decisions.

Effective Communicator

I express ideas clearly, adapting strategies based on the audience, setting, and/or purpose.

Global Citizen

I show that I care and take responsibility by helping in my community and the world around me.