

	September	October	November	December	January	February	March	April	May	June
Lucy Calkins Reading/Literacy	Skills of a Fourth Grade Reader Students will learn how to be a participant in a reading group, build their reading stamina, and practice how to find the five story elements using picture books.	Growing Comprehension with Fiction Students will learn how to grow ideas about main characters, how to determine themes of a book, tools to help them understand and interpret a story, and thought prompts that will help them grow as readers. Reading Crew Novels: Wonder, Holes, Tales of a Fourth Grade Nothing, The River.		How to Research History Students will learn about common non-fiction text structures (tables, graphs, images, etc.). They will also learn how to understand, use, summarize, and compare and contrast multiple online texts (articles, videos, etc.). Students will be taught how to take efficient and helpful notes to better help them understand non-fiction texts. Reading Crew Novels: Captain's Dog, Island of the Blue Dolphins, Dear America: Across the Wide and Lonesome Prairie, The Oregon Trail Choose Your Own Adventure Series.			Launching a Research Project Students will learn to how to look for different viewpoints, get tips for being a great debater, find main idea(s) and supporting details of an opinion, and learn how to engage with challenging passages and unfamiliar terms using tools like context clues and post-its. To wrap up this segment, students will get to go head to head and debate against a peer on Google Meet. Reading Crew Novels: Who was Nikola Tesla, Who was Marie Curie, Who is Jane Goodall, Who was Thomas Edison		Promoting Deeper Thinking Students will analyze parts of stories in relation to the whole, learn tips for a improving reading crew conversations (such as being a leader, taking responsibility, utilizing notes/post-its, etc.), and noticing universal themes and ideas across books and texts, both fiction and nonfiction. Finally, we will have an end of the year readers' celebration. Reading Crew Novels: Wild Robot, Saavy, Last Kids on Earth, The Girl Who Drank the Moon.	
Lucy Calkins Writing	Skills of a Fourth Grade Writer Students will learn about the five story elements and practice using them by creating short stories. Students will also start to learn about fourth grade grammar and important things to always check for in writing: capitalization, spelling, and punctuation.	The Arc of Story: Writing Realistic Fiction Students will learn how to further improve their writing by learning how to show what happens, not tell, create realistic and relatable characters, use quotes to show conversations between two or more characters, keep the flow going in the story, and stay in third person perspective as a narrator. There will be a virtual book signing event with their finished realistic fiction stories.		Bringing History to Life Students will learn about the structure of a journal and create their own pioneer journal. They will include illustrations of key details, facts into their fictional accounts, good, bad, and mundane stories, and will tell the story from a first person perspective. Students will also research one particular element of the Oregon Trail to create an informational piece. These Individual pieces will then be put together as a booklet for the fourth graders to keep.			Boxes and Bullets: Persuasive Essay Students will pick an Oregon related topic to create a persuasive essay on. They will use that essay and their research on the topic to then create a shoebox float. Their essay will contain a creative hook in the introduction, supporting arguments based on facts, a powerful ending paragraph with a call to action, and a works cited page. At the end of this unit, students will present their floats in Google Meet.		The Literary Essay: Writing About Fiction Students will create a book review in a style of their choosing (examples include: board game, diorama, scrape book, graphic novel, and more) based on a chapter book they read earlier in the year. Students will pick out and focus on main ideas, use text evidence to support their review, and work on making inferences about characters.	
Dimensions Math	Chapter 1: Numbers to One Million Students will learn how to round to six digits, compare and order numbers, and look for number patterns with 10, 100, and 1000. Chapter 2: Addition and Subtraction Students will learn how to use estimation to double check their answer, continue practice with regrouping, and learn the steps to read and solve multi-step word problems using addition and subtraction.	Chapter 3: Multiples and Factors Students will learn about prime and composite numbers, how to group for multiples, and how to use a factor tree to find factors. Chapter 4: Multiplication Students will use mental math to solve multiplication by 1 digit, how to solve multiplication by 2 digits, and how to use estimation to check multiplication answers. Chapter 5: Division Students will use mental math to solve division by 1 digit, how to solve long division with up to four digits, and continue to become comfortable with word problems.	Chapter 6: Fractions Students will learn how to create equivalent fractions, how to compare and order fractions, what an improper fraction and mixed number are, and how to go from an improper fraction to a mixed number and vice versa.	Chapter 7: Adding and Subtracting Fractions Students will add and subtract proper fractions, mixed numbers, and improper fractions using tools such as number lines equivalency, and manipulatives. Chapter 8: Multiplying a Fraction and a Whole Number Students will multiply proper fractions with whole numbers and solve related word problems.		Chapter 10: Measurement Students will work with the metric system as well as the standard system to work with length, weight, capacity, and time. Chapter 11: Area and Perimeter Students will work with area and perimeter of rectangles including finding the space inbetween two different sized rectangles. Students will also learn how to find the area of composite figures.	Chapter 15: Angles Students will learn about different types of angles and how to measure and draw them. They will also Chapter 16: Lines and Shapes Students will learn the difference between perpendicular and parrallel lines, what a line of symmetry is, and properties of quadrilaterals.	Chapter 12: Decimals Students will learn place value with decimals up to the hundreths, how to turn a decimal into a fraction, how to turn a fraction into a decimal, compare and order decimals, and rounding with decimals.	Chapter 13: Addition and Subtraction of Decimals Students will learn how to add and subtract decimals both with and without regrouping. Students will also look at decimals in terms of money. Chapter 14: Multiplication and Division of Decimals Students will multiply and divide decimals by whole numbers through the use of numbers and word problems. Chapter 17: Cuboids Students will learn about the properties of cuboids (like a cube but has rectangular faces instead of square) including, faces, edges, and nets.	
Theme: Oregonland	Tickets	Frontierland		Adventureland			Main Street		Tomorrowland	
Science	Scientific Method Students will learn about the steps of the scientific method. They will then utilize this knowledge to set up and practice using their scientific notebook with short experiments done as a whole class. Health: Community Safety	Environmental Factors How do the structures of terrestrial organisms function to support the survival of the organisms in that environment? Soils and Weathering How do soils form? Landforms How do erosion and deposition impact landforms? What do the location of fossils in rock layers tell us about past life on Earth? Health: Community Safety and the digestive system		Ecosystems How are the structures of aquatic organisms similar and different from land animals? How do organisms sense and interact with their environment? Brine Shrimp Hatching How is optimum environment related to organism and population survival? Mapping How do maps help us observe Earth's surface features? What might reduce the impact of catastrophic Earth surface events? Natural Resources What makes rock a natural resource and how is this resource used by people? Health: No Smoking, It's My Body, and Be Cool, Keep Clean			Range of Tolerance What environmental conditions result in the best growth and survival of different plants? How do the structures of plants function to support the survival of the organisms in a particular environment? Energy and Circuits How does energy transfer in a complete circuit? The Force of Magnetism What affects magnetic force? Electromagnets What causes electromagnetism and how can we use it to transfer energy? Health: Stay Drug Free! Build Your Assets! and Puzzled About Germs		Energy Transfer How does energy transfer between objects or systems? Waves What do waves have to do with energy? Health: Your Incredible Hearing Machine and Exercise!	
Social Studies	HEART Students will build on their knowledge of what the HEART skills mean and what that looks like as a fourth grader. Community Building Students will come together as a class to celebrate each other's differences and similarities through games, small groups, and sharing opportunities.	Oregon's Government Students will learn how Oregon became a state, who the founding fathers and mothers of Oregon were, about state elections, how governments work at the state level, and about the history of laws in Oregon. Students will look at newspaper clippings, watch video documentaries, learn fun songs to help them remember key vocabulary, research multiple perspectives, and participate in a mock state election. At the end of the unit, students will get to take a virtual tour of the capitol building and will get to have a guest speaker.		Exploration and Discovery of Oregon Students will be focusing on three main areas during this unit: Lewis & Clark, First Nationers, and the Oregon Trail. During the Lewis & Clark segment, students will learn who was in the Corps of Discovery (heavy emphasis on York and Sacagwea), what was the Louisiana Purchase, what the importance of the trip was, about encounters with First Nationers, and about landmarks and other key moments of the journey. At the end, students will get to go on a virtual tour of Fort Clatsop and watch a re-enactment video made by yours truly. While focusing on the Oregon Trail, students will learn about Manifest Destiny and other reasons to go on the trail, The Trail of Tears, hardships on the trail, and important landmarks. Students will explore the Oregon Trail through simulation, colloborative art, and an interactive guest presentation. Lewis and Clark Reenactment			What's Oregon Like Now? Students will focus in on what is going on in this state in recent years. They will learn about Covid 19 and it's cause and effect on themselves and others in different areas of Oregon. Students will also learn about how things have changed since Oregon first became a state in 1859. They will learn the answers to questions like: how has the population changed, what new laws have come about within the last decade, what are Oregon's top industries, what is Oregon well known for, and more. Students will analyze news articles for multiple perspectives, sources, and HEART.		Future Voting Citizens Students will take what they have learned about Oregon, both recent and distant past, and current issues to form ideas about what Oregon should look like in the future. What causes are important to them and how can they make a difference? What do we need to do to protect not only our state, but our world? How can we use HEART to make a positive future happen?	