

OREGON ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

OPEN WIDE AND TREK INSIDE		
Oregon Science Content Standards: Grade 3		
Lesson	CCG	Descriptor
1, 2, 4	SC.03.LS.01	Recognize characteristics that are similar and different between organisms.
4	SC.03.LS.02	Describe the basic needs of living things.
4	SC.03.LS.04	Describe a habitat and the organisms that live there.
1, 2, 3	SC.03.SI.01	Make observations. Based on these observations, ask questions or form hypotheses, which can be explored through simple investigations.
3	SC.03.SI.02	Plan a simple investigation.
1, 2, 3	SC.03.SI.03	Collect data from an investigation.
1, 2, 3	SC.03.SI.04	Use the data collected from an investigation to explain the results.
1, 2	Unifying Concepts and Processes	Understand that any collection of things that have an influence on one another can be thought of as a system.
3, 5	Unifying Concepts and Processes	Understand that a model is a tentative scheme or structure with explanatory power.
2, 3, 5	Unifying Concepts and Processes	Understand that both patterns of change and stability are important in the natural world.
2, 3	History and Nature of Science	Understand that science is a human endeavor practiced by individuals from many different cultures.
Oregon Mathematics Content Standards: Grades 1 & 2		
Grade 1		
Lesson	CCG	Descriptor
2	MA.01.CE.01	Read, write, order, and identify whole numbers less than 100.
2	MA.01.CE.07	Add and subtract with concrete objects.
2	MA.01.CE.12	Estimate number of objects and check reasonableness of answers by counting up to 20 objects.
2	MA.01.SP.01	Identify "how many more or less" and "how many all together" from pictographs and bar graphs.

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1, 2, 3	MA.01.SP.02	Pose questions and gather data about themselves and their surroundings.
1, 2	MA.01.SP.03	Sort and classify objects according to their attributes and organize data about the objects into categories.
2	MA.01.SP.04	Represent data using concrete objects and pictographs.
2	MA.01.SP.05	Answer simple questions related to data displayed in pictographs, including which result occurred the most or least often.
2	MA.01.ME.01	Compare and order objects according to measurable attributes (e.g. long or short; light or heavy).
1, 2	MA.01.GM.05	Arrange and describe objects in space by relative position and direction (e.g., near, far, below, above, up, down, behind, in front of, next to, left or right of).

Grade 2

Lesson	CCG	Descriptor
2	MA.02.CE.01	Read, write, order, model, and compare whole numbers less than 100.
2	MA.02.CE.02	Read number words less than one hundred and write the corresponding numeric value.
2	MA.02.CE.10	Determine whether a set of objects has an odd or even number of elements.
2	MA.02.CE.11	Develop and evaluate strategies for adding and subtracting whole numbers.
2	MA.02.SP.01	Identify "most and least" from data sets that contain more than 10 items (e.g., from a bar graph that shows "how many pockets in our clothing" identify by number "the most pockets" and "the least pockets").
2	MA.02.SP.02	Ask and answer simple questions related to tallies, charts, and bar graphs.
2	MA.02.SP.04	Represent and interpret data using tally charts and pictographs.
2	MA.02.AR.01	Sort and classify objects using one or more attributes by observing relationships and making generalizations.
3	MA.02.ME.03	Understand the measurement process (choosing a measurement unit, comparing that unit to the object, and reporting the number of units).
2	MA.02.PS.01	Interpret the concepts of a problem-solving task and translate them into mathematics.
2	MA.02.PS.02	Choose strategies that can work and then carry out the strategies chosen.
2	MA.02.PS.04	Use pictures, symbols, and/or vocabulary to convey the path to the identified solution.
2	MA.02.PS.05	Accurately solve problems using mathematics.

Oregon English/Language Arts Content Standards: Grades 1 & 2

Lesson	CCG	Descriptor
All lessons	EL.01.RE.03	Recognize that sentences start with capital letters and end with punctuation such as periods, question marks, and exclamation points.
All lessons	EL.01.RE.20 EL.02.RE.09	Read or demonstrate progress toward reading at an independent and instructional reading level appropriate to grade level.
1, 4, 6	EL.01.RE.21	Listen to, read, and understand a wide variety of grade-level informational and narrative (story) text including

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	EL.02.RE.10	children's magazines and newspapers, dictionaries, other reference materials, online information, classic and contemporary literature, and poetry.
1, 2, 3, 4, 6	EL.01.RE.22 EL.02.RE.11	Demonstrate listening comprehension of more complex text through discussions.
All lessons	EL.01.RE.25 EL.02.RE.15	Understand, learn, and use new vocabulary that is introduced and taught directly through orally-read stories and informational text as well as student-read stories and informational text.
1, 4, 6	EL.01.RE.26 EL.02.RE.16	Develop vocabulary by listening to and discussing both familiar and conceptually challenging selections read aloud.
2, 3, 6	EL.01.RE.29 EL.02.RE.22	Read written directions, signs, captions, warning labels, and informational books.
2	EL.02.RE.24	Interpret information from diagrams, charts, and graphs.
1, 2, 3, 4, 6	EL.01.RE.32 EL.02.RE.26	Read and understand simple one-step written instructions. (1) Follow two-step written instructions.
1, 2, 4, 5, 6	EL.02.RE.30	Connect the information in text to life experiences, text, and world.
1, 2, 4, 5, 6	EL.01.RE.35	Describe new information gained from text in own words.
All lessons	EL.01.RE.37	Make connections and discuss prior knowledge of topics in informational texts.
1, 2, 4, 6	EL.01.RE.38 EL.02.RE.29	Discuss (1) / Pose possible (2) how, why, and what-if questions in sharing informational texts.
1, 4, 6	EL.01.LI.05	Retell the main events of the story describing the beginning, the middle, and the end.
1, 4, 6	EL.01.LI.09	Distinguish fantasy from realistic text.
All lessons	EL.01.WR.01 EL.02.WR.01	With guidance, discuss ideas and select a focus when writing. (1) Create a list of ideas for writing. (2)
All lessons	EL.01.WR.03	With assistance, write for different purposes and to a specific audience or person.
All lessons	EL.01.WR.06 EL.02.WR.09	Select (2) and use (1) descriptive words when writing.
All lessons	EL.01.WR.08	Spell correctly three- and four-letter short vowel words (can, will).
All lessons	EL.01.WR.09	Use spelling/phonics-based knowledge to spell independently when necessary.
All lessons	EL.01.WR.10	Show spelling consciousness or sensitivity to conventional spelling.
All lessons	EL.01.WR.13	Correctly use periods (I like my dog.), exclamation points (Help!), and question marks (Do you like to play ball?) at the end of sentences.
All lessons	EL.01.WR.14	Capitalize the first word of a sentence, names of people, and the pronoun I.
All lessons	EL.02.WR.14	Spell correctly previously studied words and spelling patterns in own writing.
All lessons	EL.01.WR.15	Print legibly and space letters, words, and sentences appropriately.
3, 6	EL.01.WR.16	Write brief stories that describe an experience.

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3	EL.01.WR.17	Write simple expository descriptions of a real object, person, place, or event using words that help the reader to see, feel, smell, taste, and hear what is being described.
All lessons	EL.02.WR.20	Form letters correctly and space words and sentences properly so that printing can be read easily by another person.
All lessons	EL.01.SL.02	Stay on topic when speaking.
3, 6	EL.02.SL.02	Tell experiences in logical order.
All lessons	EL.01.SL.03	Retell stories using basic story grammar and relating the sequence of story events by answering who, what, when, where, why, and how questions.
All lessons	EL.01.SL.05	With guidance, use descriptive words when speaking about people, places, things, and events.
All lessons	EL.01.SL.06 EL.02.SL.05	Speak clearly (1) and at an appropriate pace for the type of communication (e.g., informal discussion, report to class). (2)
All lessons	EL.02.SL.06	Determine the purposes of listening (e.g., to obtain information, to solve problems, for enjoyment).
All lessons	EL.01.SL.07	Look at listeners.
All lessons	EL.01.SL.08	Listen attentively.
1, 2, 3, 6	EL.02.SL.08	Retell in own words information that has been shared orally by others.
All lessons	EL.01.SL.09	Ask questions for clarification and understanding.
All lessons	EL.02.SL.09	Give and follow three- and four-step oral directions.
All lessons	EL.01.SL.10	Give, restate, and follow simple two-step directions.

Oregon Health Education Content Standards: Grade 3

Lesson	CCG	Descriptor
4, 5, 6	HE.03.HS.01	Identify and access resources for basic health and safety information.
All lessons	HE.03.HS.04	Demonstrate positive communication skills.
4, 5	HE.03.HS.05	Set short-term personal goals to enhance health and safety.
4, 5, 6	HE.03.HE.01	Recognize the importance of variety and moderation in food selection and consumption.
4, 5, 6	HE.03.HE.02	Choose a variety of foods to eat from different food groups.
4, 5, 6	HE.03.HE.03	Advocate for more fruits and vegetables at school.