

Columbia County Christian School



Curriculum Scope and Sequence Elementary K-5

Revised
July 15, 2010

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**Columbia County Christian School
Scope and Sequence by Grade
KINDERGARTEN**

BIBLE

Oregon Standard

None

CCCS Bible

Curriculum - ACSI - *God and Me*

God Made My World

God Cares For Me

God Protects Me

God Sent Jesus

God Wants Me to Be His Child

God Teaches Me

God Helps Me Live for Him

God Gives Me Friends

God Sent Jesus to Die For Me

God Helps Me

God Has a Plan for Me

Addressing Life Problems – Being obedient and honest, sharing and getting along with others, taking turns and being unselfish.

God's World Magazine – God Centered Focus on World Events

Scripture Memorization – The Seeds of Faith

God – Psalm 23:1

Jesus – Luke 2:11

Creation – Genesis 1:1

Bible – Hebrews 4:12

Self – Romans 3:23

Others – Matthew 18:15-16

Students also attend weekly chapel services where they are taught who God is and his plan for their lives.

MATH

Oregon Standard

Kindergarten math students learn basic number sense, two and three dimensional shapes, and how to compare and order objects by various attributes. Integrating math vocabulary with various visual concepts to include written numerals, counting, patterning, identification, comparing, and ordering creates the foundation for more advanced understanding of numbers, operations with numbers, and geometric reasoning.

CCCS Math

Curriculum:

Grow Publications, *Arithmetic Developed Daily*

Daily review activity comprised of mental math questions, skill development and a word problem for the day.

ACSI, *Purposeful Design Mathematics*

Classifying and sorting

Ordinal and positional words

Naming attributes

Sorting by color and shape

Alike and different

Patterns

Copying, extending and making patterns

Identifying and predicting patterns

Building a staircase

Counting and Matching

Same more and less

Counting forward and backward

One more and one less

Graphing

Numbers

Identifying, writing and ordering numbers 0-31

Skip counting by 2's, 5's and 10's

Sequencing

Shapes, solids and equal parts

Finding shapes in solids and plane shapes

Exploring squares, rectangles, circles and triangles

Equal parts and groups

Identifying halves, symmetry, slides, flips and turns

Counting Money

Identifying and counting pennies, nickels and dimes and quarters

Combining values

Graphing

Adding and subtracting

Acting it out and modeling

Picture problems and drawing stories

Using a number line and graphing

Measurement

Telling time to the hour

Comparing and ordering length and height, exploring weight, capacity and temperature

Calendar skills

Problem Solving – estimating, combining values, counting on and counting back, drawing stories and identifying equal parts

Great Source, *Every Day Counts Calendar Math*

Every Day Counts is a research-based program aligned with the National Council of Teachers of Mathematics (NCTM) Standard and provides daily exposure to critical math

concepts, building on concepts a little at a time, every day. The topics and challenges at each grade level build on what students learn in class with activities that engage students, allowing them to explore, make and test conjectures, and apply their mathematical understanding.

LANGUAGE ARTS

Oregon Standard

Kindergarten students participate in the enjoyment of reading through listening and discussion. They retell familiar stories and also tell stories for others to write down. They begin to write and draw pictures for other readers. They learn about the alphabet, words and sounds (phonemic awareness), and how to apply what they have learned by matching words to beginning and ending sounds, orally blending sounds into words, rhyming words, and reading simple sentences. Students listen and respond to age-appropriate classic and contemporary literature, nursery rhymes, alphabet books, and beginner's dictionaries. They begin to learn the rules of Standard English and more about communicating with others.

CCCS Language Arts

Curriculum: – Ruth Morris, *Fundamental Steps to Reading*

Phonics and Reading

Multisensory activities and games

Recognition of name, sound, and picture of long and short vowels and consonants

Sounding of blends, on and toe vowel words, and words with special sounds

Beginning phonics rules and special sounds

Reading sentences and stories using tools to decode and encode short-vowel words, words with consonant blends or digraphs and words using several long-vowel rules

Learning and reciting poetry

Language

Recognition and writing of sentences with capital letters and periods

Recognition of synonyms, homophones, onomatopoeia words, nouns, adjectives and verbs

Writing

Writing (conventionally and unconventionally) brief stories that use drawings to support meaning and label objects and places

Writing names, letters, blends, words and sentences

SCIENCE

Oregon Standard

Kindergarten science students learn about the living and non-living things in the natural world as they compare and contrast characteristics of plants and animals and examine the way things move. They identify changes in the things seen in the sky and that the sun warms the Earth. Exploring questions and making observations about the natural world and designed structures creates the foundation for more advanced understanding of scientific inquiry and engineering design.

CCCS Science

Curriculum: - Macmillan/McGraw-Hill *Science A to Z Activity Book*

Students participate in hands on activities to learn about and appreciate God's creation by studying matter, weather, plant and animal life, the universe and our environment.

HEALTH

Oregon Standard

K-3 health skills and concepts include working on alcohol, tobacco and other drug prevention by demonstrating refusal skills around the use of tobacco and alcohol products. Through the promotion of healthy eating, students learn to choose a variety of foods to eat from different food groups and advocate for more fruits and vegetables at school. Students show their understanding of unintentional injury prevention by using a decision making model to plan ahead to avoid dangerous situations and injuries on the way to and from school. Students also learn about violence suicide prevention by explaining how helpful and hurtful messages in media can affect an individual's behavior.

CCCS Health

Curriculum: - California Dairy Council -*Building a Healthy Me*
Yellow Dyno, Inc. – *Protecting Children from Child Predators (a non-fearful musically based anti-victimization curriculum)*

Students are taught that they are special and unique creations of God and that, as believers, our bodies are a temple of the Holy Spirit. Students learn how to make healthy and Godly choices in areas such as oral hygiene, food, germ prevention, safety and drug prevention awareness. Students also participate in Red Ribbon Week (a week long focus on drug prevention awareness) and a fire safety class from the local fire department.

SOCIAL STUDIES

Oregon Standard

K-3 students focus on basic skills in history, geography, civics and economics relating most to home and community. Students use their local area to explore their responsibilities and rights as citizens of a community, and the history of that community. They use simple maps, locate physical features, and consider how people are affected by the environment and how the environment is affected by people. Students also study the concept of economic scarcity and how people make economic choices. Additionally, they learn the basic concepts of Social Science Analysis, identifying issues or problems, gathering information, comparing perspectives, and considering options or responses to issues or problems.

CCCS Social Studies

Curriculum - Macmillan/McGraw-Hill *Friends and Family* Culture – Friends, families and communities
Geography – Homes, neighborhoods, cities and countries, earth
Government – Working together, rules and laws
Citizenship- Citizenship rights and responsibilities, states and countries, US symbols
Economics – Jobs, needs and wants, goods and services, spend and save
History – Then and now, places change, machines and inventions people help the US,

COMPUTERS

Oregon Standard

See K-12 Educational Technology

CCCS Computers

Students learn to use the computer keyboard and utilize various programs to enhance their academic and problem solving skills. They are also taught how to use the Internet effectively and safely.

ART

Oregon Standard

K-3 grade students explore basic skills in creating works of art, responding and analyzing works of art, and understanding the relationships between works of art and their community. Students explore the creative process, using essential elements and organizational principles of different arts disciplines for expression. Students recognize and describe those elements and principles in other works of art and identify personal preferences. Students identify an event or condition that influenced a work of art, and cultural characteristics of a work of art. Students also describe the place of the arts in their community.

CCCS Art

Students create many art projects throughout the year to celebrate seasons, holidays and as gifts for others. During discovery time they have opportunities to experiment with paints, markers, play dough, glue and many other items to express their creativity and encourage the creativity of others.

CCCS Performing Arts

Students participate in the Christmas Program and Spring Program during the school year. They also attend at least one play at a local theater as part of an all school field trip.

PHYSICAL EDUCATION

Oregon Standard

K-3 physical education students work on the basic skills of moving, using equipment and varying the manner in which the skills are performed in relationship to changing conditions and expectations. Students achieve mature form in the less complex skill (e.g., underhand throw) and progress toward achieving mature form in the more complex skills (e.g., foot dribble). They also work on safe practices, physical education class rules and procedures.

CCCS Physical Education

Kindergarten students participate in the P.E. program once a week with students in grades 1-3. They experience a wide variety of physical skills and activities. These skills include stretching, aerobic exercise, sportsmanship and teamwork.

SPANISH

Oregon Standard

None

CCCS Spanish

Numbers 0-10

Colors

Please, thank you and you're welcome

MUSIC

Oregon Standard

None

CCCS Music

Students participate in group singing, rhythmic activities and musical games, and develop an appreciation and enjoyment of music

FIRST GRADE

BIBLE

Oregon Standard

None

CCCS Bible

Curriculum - ACSI – *God and My World*

God Gives Me a Place to Live

God Gives Me a Family

God Gives Me Leaders

God Gives Me Helpers

God Gives Me His Word

God Gives Me His Son

God Gives Me a Way to Live

God Gives Me His Church

God Gives Me Gifts and Abilities such as:

Reading and Writing

Music, Art and Building

Serving

Addressing life problems – Being honest and obedient, getting along with others, learning not to tattle, taking turns, feeling that other are unfair.

God's World Magazine – God Centered Focus on World Events

Scripture Memorization – The Seeds of Faith

God – Psalm 23:1 and Psalm 136:1-3

Jesus – Luke 2:11 and John 3:16

Creation – Genesis 1:1 and Psalm 100:3

Bible – Hebrews 4:12 and Psalm 119:9-11

Self – Romans 3:23 and Isaiah 53:6

Others – Matthew 18:15-16 and Ephesians 4:32

Students also attend weekly chapel services where they taught who God is and his plan for their lives.

MATH

Oregon Standard

First grade math students continue to refine their basic number sense and understanding of two and three-dimensional shapes. Specifically, they develop understanding of whole number relationships and how to compose and decompose geometric shapes. They also explore operations of addition and subtraction where they learn basic addition and subtraction facts, inverse operations, commutative and associative properties and number lines.

CCCS Math

Curriculum:

Grow Publications, *Arithmetic Developed Daily*

Great Source, *Everyday Counts Calendar Math*

ACSI, *Purposeful Design*

Sorting, patterning and numeral writing

Naming attributes and identifying sets

Identifying, designing, extending and predicting patterns

Interpreting bar graphs

Writing numbers 0-12

Symmetry

Slide, spin and mirror symmetry

Addition and subtraction facts to twelve

Story problems

Skip counting

Time

Telling time to the quarter hour

Months and seasons

Calendars

Positional words

Fact families

Technology

Place value and Counting

Ones, tens and hundreds

Hundred charts

Calculators

Counting and ordering numbers

Counting to 100

Greater than, less than and equal to

Counting money to one dollar

Addition and subtraction

Using ten-frames, base ten blocks and mats

Two-digit addition and subtraction

Exploring multiplication and division

Measurement

Measuring inches, centimeters, feet and yards

Measuring capacity with cups, pints, quarts and liters

Measuring weight

Fractions and Geometry

Three-dimensional shapes

Halves, thirds and fourths

Writing fractions

Open and closed figures

Finding fractional parts

Exploring Area
Problem Solving
Reading graphs, maps and pictographs
Probability
Mapping
Drawing a picture

LANGUAGE ARTS

Oregon Standard

First grade students become more independent readers and writers. They recognize letter sounds (phonemic awareness), see letter patterns, and identify the basic features of words and how to decode them into spoken language (phonics). They sound out more complex vocabulary and comprehend the meanings of those words. They read orally and silently a variety of grade-level-appropriate classic and contemporary literature, folktales, informational text, and alphabet books. First grade students read at the target rate of 40-60 words correct per minute. They discuss what they have read, talking about main ideas, characters, plot, and setting. They begin to write stories and other original works, and they begin to use Standard English. They recite poems, rhymes, songs, and stories, and they make short presentations.

CCCS Language Arts

Curriculum:

**Language Arts- Sopris West, Inc, *Read Well/Write Well*
Educators Publishing Service, *Sitton Spelling***

Reviewing vowels, consonants, blends and one-and two-vowel words

Recognition and use of all phonics special sounds in reading

Review of letter formation – D'nealian Print

Writing in complete sentences

Daily journal writing

Writing a story with a beginning, middle and end

Phonics – Exploring the relationship of letters/patterns to sounds for reading and spelling

Reading – Participating in reading (words, sentences, poetry/rhymes, informative/narrative stories, riddles, student-made books)

Writing – Participating in modeled, structured, shared, interactive, paired, and independent written communication

Writing Conventions-Understanding and applying the guidelines for writing correctness

Spelling – Mastering the spelling of high-frequency words, and ensuring their long-term application in writing.

Proofreading – Developing editing and proofreading strategies, and ensuring their application in everyday writing

Visual Skills – Developing the ability to visualize and remember words and their sequential letters

Word Study – Collecting, analyzing, sorting, and contrasting words, and drawing conclusions about their spelling and use.

Literature – Using classic literature as a catalyst for thinking, reading, writing, and speaking.

Gail Boushey & Joan Moser – *The Daily 5, Fostering Literacy Independence in the Elementary Grades* – reading to self, reading to someone, listening to reading, writing about reading and doing word work.

SCIENCE

Oregon Standard

First grade science students build their basic understanding of the natural world through examination of characteristics and properties of objects, living organisms, and Earth materials. They begin to develop an understanding of how living and non-living things interact as they learn about the basic needs of living things and the motion of objects when a force is applied. Students explore the use of basic tools in observing the natural world and in engineering design. They develop their skills in making and recording observations and their understanding of scientific inquiry and engineering design.

CCCS Science

Curriculum

Concordia Publishing House, *Discovery Works*

Students participate in hands on activities to learn about and appreciate God’s creation by observing, comparing and classifying in the following units of study;

Kinds of Living Things – The similarities and differences between plants and animals; classifying plants and animals according to one characteristic

Magnets – The properties of magnets; magnetic force; magnetic fields; temporary magnets; magnets and compasses

Weather and Seasons – Factors that affect the weather; seasonal weather changes; how people, plants, and animals respond to weather conditions

Earth’s Land and Water

Properties of soil and rocks; how water and soil mix; how water flows; recycling through composting

HEALTH

Oregon Standard

K-3 health skills and concepts include working on alcohol, tobacco and other drug prevention by demonstrating refusal skills around the use of tobacco and alcohol products. Through the promotion of healthy eating, students learn to choose a variety of foods to eat from different food groups and advocate for more fruits and vegetables at school. Students show their understanding of unintentional injury prevention by using a decision making model to plan ahead to avoid dangerous situations and injuries on the way to and from school. Students also learn about violence suicide prevention by explaining how helpful and hurtful messages in media can affect an individual’s behavior.

CCCS Health

**Curriculum: - California Dairy Council -*Building a Healthy Me*
Concordia Publishing House *Discovery Works Health Units*
Yellow Dyno, Inc. – *Protecting Children from Child Predators (a non-fearful musically based anti-victimization curriculum)***

Students are taught that they are special and unique creations of God and that, as believers, our bodies are a temple of the Holy Spirit. They learn how to make healthy choices in the following units of study;

Investigating the Food Pyramid, healthy snacks, the importance of bending and stretching, oral hygiene, resting and sleep, how to reduce the spread of germs and muscle movement and safety.

Students also participate in Red Ribbon Week (a week long focus on drug prevention awareness) and a fire safety class from the local fire department.

SOCIAL STUDIES

Oregon Standard

K-3 students focus on basic skills in history, geography, civics and economics relating most to home and community. Students use their local area to explore their responsibilities and rights as citizens of a community, and the history of that community. They use simple maps, locate physical features, and consider how people are affected by the environment and how the environment is affected by people. Students also study the concept of economic scarcity and how people make economic choices. Additionally, they learn the basic concepts of Social Science Analysis, identifying issues or problems, gathering information, comparing perspectives, and considering options or responses to issues or problems.

CCCS Social Studies

Curriculum - Macmillan/McGraw-Hill *People and Places*

Culture – Families, where they live, how they celebrate, family rules and problem solving

Geography – Our country, our world, water, land, weather, caring for our world and natural resources.

Government – What is a leader? Following laws

Citizenship- voting, our symbols and pledge, My Country, ‘Tis of Thee”

Economics – Needs and wants, work and jobs, goods and services, tools at work, people and ideas

History – American history, symbols and heroes; A hero from Mexico; using timelines

COMPUTERS

Oregon Standard

See K-12 Educational Technology

CCCS Computers

Students learn to use the computer keyboard and utilize various programs to enhance their academic and problem solving skills. They are also taught how to use the Internet effectively and safely.

ART

Oregon Standard

K-3 grade students explore basic skills in creating works of art, responding and analyzing works of art, and understanding the relationships between works of art and their community. Students explore the creative process, using essential elements and organizational principles of different arts disciplines for expression. Students recognize and describe those elements and principles in other works of art and identify personal preferences. Students identify an event or condition that influenced a work of art, and cultural characteristics of a work of art. Students also describe the place of the arts in their community.

CCCS Art

Discovering Great Artists, MaryAnn Kohl & Kim Solga

Hands on art for children in the styles of the Great Masters – Each art process focuses on one style and one artist. The most important aspects of the art projects are discovery, exploration, and individual creativity.

http://www.princetonol.com/groups/iad/links/categorized_lessons.html - Categorized lessons by grade from Princeton Online Incredible Art

CCCS Performing Arts

Students participate in the Christmas Program and Spring Program during the school year. They also attend at least one play at a local theater as part of an all school field trip.

PHYSICAL EDUCATION

Oregon Standard

K-3 physical education students work on the basic skills of moving, using equipment and varying the manner in which the skills are performed in relationship to changing conditions and expectations. Students achieve mature form in the less complex skill (e.g., underhand throw) and progress toward achieving mature form in the more complex skills (e.g., foot dribble). They also work on safe practices, physical education class rules and procedures.

CCCS Physical Education

First grade students participate in the P.E. program once a week with students in grades K-3. They learn skills in stretching, aerobic exercise, various sports, sportsmanship and teamwork.

SPANISH

Oregon Standard

None

CCCS Spanish

Curriculum: National Textbook Company, *Espanol Para Ti*

Students participate in an interactive video program and learn Spanish numbers, words and culture through activities, lessons and songs. Topics covered;

Greetings, farewells and introductions

Classroom people and objects

Expressions of feeling

Positive commands

Colors

Days of the week and months of the year

Parts of the body

Animals and their sounds

Age-related and birthday expressions

Food-related vocabulary

Family members

Weather expressions

Articles of clothing

Numbers 1-50

MUSIC

Oregon Standard

None

CCCS Music

Students participate in group singing, rhythmic activities and musical games, and develop an appreciation and enjoyment of music

SECOND GRADE

BIBLE

Oregon Standard

None

CCCS Bible

Curriculum -ACSI – *God and My Actions*

God Shows Me How to:

Be Humble
Be Courageous
Be Diligent
Love His Word
Obey
Follow Him Wholeheartedly
Be Confident in Him
Be Faithful to Him
Handle Success
Control My Tongue
Be Unselfish
Trust Him
Be Bold
Be Merciful
Be Compassionate
Be Loyal
Be a Loving Servant
Make Wise Choices When I Face Difficult Problems
Be Sorry For My Sin
Cooperate
Be Responsible
Listen to Him

God Wants Me To:

Be Patient
Listen To Wise Advise
Hear His Message
Praise Him
Respect Authority
Be Honest
Pray For Others

God Helps Me Stand Against the Crowd

Addressing Life Problems – Being honest, selfishness, disobedience, getting along with others, tattling feeling that other are unfair, self-esteem.

God's World Magazine – God Centered Focus on World Events

Scripture Memorization – The Seeds of Faith

Jesus –John 3:16 and Romans 5:8

Creation –Psalm 100:3 and Jeremiah 32:17

Bible –Psalm 119:9-11

Self –Isaiah 53:6

God –Psalm 136:1-3 and Psalm 95:3-6
Others –Ephesians 4:32

Students also attend weekly chapel services where they are taught who God is and his plan for their lives.

MATH

Oregon Standard

Second Grade math students continue to refine their addition and subtraction skills and basic number sense. They explore larger numbers by learning about place value and the various representations, compositions, and decompositions of numbers. They develop fluency with addition and subtraction facts, procedures, and applications. Additionally, they refine their understanding and skills relating to linear measurement.

CCCS Math

Curriculum:

Grow Publications, *Arithmetic Developed Daily*

Great Source, *Everyday Counts Calendar Math*

ACSI, *Purposeful Design*

Patterns and Place Value

Classifying, patterns and graphing

Counting by 2's 5's and 10's

Odd and even

Place value to 999

Exploring thousands

Problem solving with large numbers

Ordering, graphing and comparing 4 digit numbers

Addition and Subtraction

Facts to 18

Understanding regrouping

Solving picture problems

Adding doubles

Solving picture problems

Two digit addition and subtraction with regrouping

Adding and subtracting 3 digit numbers

Geometry and Measurement

Classifying shapes – circles, spheres, triangles four sided shapes, squares, rectangles, angles

Measuring inches, feet, yards, centimeters, decimeters, meters

Time and Money

Holidays, seasons and calendars

Time in five minute intervals

Counting and exchanging money

Fractions and Measurement

Halves, thirds, and sixths

Equal parts

Comparing fractions

Capacity – cup, pint quart, gallon

Temperature – Fahrenheit

Weight – ounces, pounds, grams, kilograms

Multiplication and Division

Multiplying with 2's, 3's, 4's, 5's and 10's as factors

Exploring division and relating it to subtraction and multiplication

LANGUAGE ARTS

Oregon Standard

Second Grade students gain skill and confidence in reading, writing, speaking, and listening. They demonstrate an awareness of sounds that are made by different letters, and they practice decoding words. Learning new concepts, such as prefixes and suffixes, helps them understand the meaning of new vocabulary. They read at the target rate of 90-100 words correct per minute. Second grade students ask and respond to questions, make predictions, and compare information in order to comprehend what they read.

They read a variety of grad-appropriate classic and contemporary literature, poetry, informational text in different subject areas, children's magazines, and dictionaries. They learn to use the conventions of Standard English and a writing process to write sentences and paragraphs that develop a central idea. They also deliver brief oral presentations, tell stories, and perform plays.

CCCS Language Arts

Curriculum:

Educators Publishing Service: *Wordly Wise 3000*

Reading comprehension

Critical thinking

Using a dictionary and pronunciation key

Word usage

Context clues

Synonyms and antonyms

Multiple-meaning words

Using word parts to determine meanings – prefixes, suffixes

Greek and Latin roots

Homophones

Picture clues and captions

Analogies
Word origins

Firsthand Heinemann: *Primary Units of Study by Lucy Calkins*

Writing workshops
Personal narrative writing
Teaching skills and strategies
The craft of revision
Poetry
Nonfiction writing: procedures and reports
Authors as mentors

Evan Moor: *Daily Language Review*

Punctuation & Grammar – abbreviations, commas, capital letters, language usage, parts of speech, possessive nouns quotation marks, sentence structure and types, singular/plural nouns, subject and predicate

Comprehension-categorizing, cause & effect, real and make believe, sequencing

Vocabulary/Word Study-compound words, consonant/vowel sounds, contractions, rhyme word families

Reference skills – alphabetical order, syllabication

Language skills - correcting spelling errors, finding mistakes, writing friendly letters

Bob Jones University: *If Skies Be Blue/When the Sun Rides High*

Word Recognition- Re-teaching of phonics; a review of the 44 sounds of English with many of the variant spellings; counting syllable; syllable division; base words/prefixes/suffixes. VC/CV pattern, compound words, consonant + le; accent in compound words; context clues; service words

Vocabulary – Meaning from context; antonyms; synonyms; prefixes; suffixes; analogies; compound words; contractions

Comprehension – literal; interpretive; critical; appreciative levels; classify; sequencing; cause and effect; following direction; relevant information; draw conclusions; compare and contrast; develop opinions; main idea; making inferences; predict outcomes; true/false statement; time/place relationships

Literature – setting; plot; point of view; metaphor; simile; fanciful elements; idioms; imagery; foreshadowing; personification; repetition in poetry; rhythm; onomatopoeias; alliteration; character development and motives; character traits; main and lesser characters

Study Skills – glossary; table of contents; books of the Bible; recipe; poem stanzas; hymn verses; globe; maps; diagrams; graphs; and semantic maps

Silent Reading – purpose for reading; author's message; and biblical truth

Oral Reading – communicate message of the author and mood; convey dialogue; emotion; meaning; portray a character; choral reading; drama; respond to punctuation

Composition – Setting; text for illustration; couplet; personal essay/experience; thank-you note

Gail Boushey & Joan Moser – *The Daily 5, Fostering Literacy Independence in the Elementary Grades* – reading to self, reading to someone, listening to reading, writing about reading and doing word work.

Various novels used in literature groups.

SCIENCE

Oregon Standard

Second grade science students refine their understanding of the natural world through investigation of the variation and change in living and non-living things. They explore how things respond to magnetic forces, the life cycles of living things, movement of the sun and moon, and daily and seasonal temperature changes. Students develop their skills in observing, measuring, recording and organizing data, and making predictions based on observations. They use tools and work with a team to refine their engineering design skills.

CCCS Science

Curriculum

Concordia Publishing House, *Discovery Works*

Students participate in hands on activities to learn about and appreciate God's creation by observing, comparing and classifying, recording and organizing data and making predictions throughout the following units of study;

Interactions of Living Things – The needs of living things; plant and animal adaptations to various habitats; the effect of living things, including people, and natural forces on environments

Light and color – Characteristics of light, such as light sources, how light affects vision, and the way light travels; how shadows are formed and changed; the spectrum and color mixing

Solids, Liquids, and Gases – Properties of solids, liquids and gases; the changing of materials from one state to another

Earth Through Time – Characteristics of different dinosaurs; how fossil imprints and fossil remains provide clues about the earth's history

HEALTH

Oregon Standard

K-3 health skills and concepts include working on alcohol, tobacco and other drug prevention by demonstrating refusal skills around the use of tobacco and alcohol products. Through the promotion of healthy eating, students learn to choose a variety of foods to eat from different food groups and advocate for more fruits and vegetables at school. Students show their understanding of unintentional injury prevention by using a decision making model to plan ahead to avoid dangerous situations and injuries on the way to and from school. Students also learn about violence suicide prevention by explaining how helpful and hurtful messages in media can affect an individual's behavior.

CCCS Health

**Curriculum: - Oregon Dairy Council –*Little D’s Nutrition Expedition*
Concordia Publishing House *Discovery Works Health Units*
Yellow Dyno, Inc. – *Protecting Children from Child Predators (a non-fearful musically based anti-victimization curriculum)***

Students are taught that they are special and unique creations of God and that, as believers, our bodies are a temple of the Holy Spirit. They learn how to make healthy and Godly choices in the following units of study;

Why does your body need food

How our bodies protect us from germs; how we can decrease the spread of germs and illnesses they bring; how to keep our hands clean and use them for God’s purposes; how to prevent injuries and safety precautions that can help us; how to discriminate between healthy and unhealthy habits.

Students also participate in Red Ribbon Week (a week long focus on drug prevention awareness) and a fire safety class from the local fire department.

SOCIAL STUDIES

Oregon Standard

K-3 students focus on basic skills in history, geography, civics and economics relating most to home and community. Students use their local area to explore their responsibilities and rights as citizens of a community, and the history of that community. They use simple maps, locate physical features, and consider how people are affected by the environment and how the environment is affected by people. Students also study the concept of economic scarcity and how people make economic choices. Additionally, they learn the basic concepts of Social Science Analysis, identifying issues or problems, gathering information, comparing perspectives, and considering options or responses to issues or problems.

CCCS Social Studies

Curriculum - Macmillan/McGraw-Hill *We Live Together*

Culture – What are communities, and how do they change and get along?

Geography – Where we live; land and water; seasons and how people change the earth.

History – America’s first people; the Spanish come to America; the Pilgrims arrive; from colonies to states; our country at war; using timelines; Australia’s first people

Economics – Jobs; factories; producers and consumers; needs and wants; goods and services; from farm to factory; work in China

Government – How does our government work? Solving community problems; using flowcharts and grid maps; our country’s capital; American heroes; government in Europe

COMPUTERS

Oregon Standard

See K-12 Educational Technology

CCCS Computers

Students learn to use the computer keyboard and utilize various programs to enhance their academic and problem solving skills. They also begin using the computers to research information for projects and papers. They are taught how to use the Internet safely and effectively.

ART

Oregon Standard

K-3 grade students explore basic skills in creating works of art, responding and analyzing works of art, and understanding the relationships between works of art and their community. Students explore the creative process, using essential elements and organizational principles of different arts disciplines for expression. Students recognize and describe those elements and principles in other works of art and identify personal preferences. Students identify an event or condition that influenced a work of art, and cultural characteristics of a work of art. Students also describe the place of the arts in their community.

CCCS Art

Discovering Great Artists, MaryAnn Kohl & Kim Solga

Hands on art for children in the styles of the Great Masters – Each art process focuses on one style and one artist. The most important aspects of the art projects are discovery, exploration, and individual creativity.

http://www.princetonol.com/groups/iad/links/categorized_lessons.html - Categorized lessons by grade from Princeton Online Incredible Art

CCCS Performing Arts

Students participate in the Christmas Program and Spring Program during the school year. They also attend at least one play at a local theater as part of an all school field trip.

PHYSICAL EDUCATION

Oregon Standard

K-3 physical education students work on the basic skills of moving, using equipment and varying the manner in which the skills are performed in relationship to changing conditions and expectations. Students achieve mature form in the less complex skill (e.g., underhand throw) and progress toward achieving mature form in the more complex skills (e.g., foot dribble). They also work on safe practices, physical education class rules and procedures.

CCCS Physical Education

Second grade students participate in the P.E. program once a week with students in grades K-3. They learn skills in stretching, aerobic exercise, various sports, sportsmanship and teamwork.

MUSIC

Oregon Standard

None

CCCS Music

Students participate in group singing, rhythmic activities and musical games, and develop an appreciation and enjoyment of music

THIRD GRADE

BIBLE

Oregon Standard

None

CCCS Bible

Curriculum -ACSI – *Christ and His Church*

Jesus in the Beginning

Jesus' Birth and Childhood

Jesus Selects, Transforms and Equips Workers

Jesus Teaches Us about Ourselves, Building Our Lives, and Himself

Jesus Teaches Us How to Pray, Love and Live Forever

Jesus Teaches Us about Sharing, Seeking the Lost, Forgiving, Working

Jesus Overcomes Nature, the Enemy and Hunger and Blindness

Jesus Controls Creation

Jesus Conquers Death

Jesus Displays God's Plan

Jesus Died, Lives and Ascended to Heaven

The Holy Spirit Empowers Believers

God Uses Persecution to Spread the Gospel

The Persecutor (Paul) Becomes a Follower and Master Builder

Paul Lays Foundation and Reinforces the Work

The Building Continues

Addressing Life Problems – Being honest, getting along with others, disobedience, feeling that others are unfair, negative influence of TV, selfishness, and good use of time.

God's World Magazine – God Centered Focus on World Events

Scripture Memorization – Essentials of Believing and Salvation

God/Jesus - Psalm 95:3-6, Romans 5:8 and John 14:6-7

Creation – Jeremiah 32:17

Bible –Romans 15:4

Self –Jeremiah 31:3

Others –1 Peter 3:8

Christ paid the penalty for sin – Ephesians 2:8-9

Necessity of receiving/following Christ only – Romans 10:13

New life/new beginning – John 3:7

Members of a new family – 2 Corinthians 5:17

Assurance – Philippians 1:6

Students also attend weekly chapel services where they are taught who God is and his plan for their lives

MATH

Oregon Standard

Third grade math students develop an understanding of fractions, multiplication and division. They learn how to model, order, and add common fractions. They also explore operations of multiplication and division where they learn basic multiplication and division facts, inverse operations, commutative, associative, and distributive properties.

They learn that multiplication and division are repeated addition and subtraction respectively and how to apply models and patterns of multiplication and division. Third grade mathematics students also learn to describe properties of two-dimensional shapes.

CCCS Math

Curriculum:

Grow Publications, *Arithmetic Developed Daily*

Great Source, *Everyday Counts Calendar Math*

ACSI, *Purposeful Design*

Place value

Four, five and six digit numbers

Rounding to the nearest ten and hundred

Ordinal numbers

Counting by 1's, 2's 5's, 10's and 100's

Addition and Subtraction

Facts to 18

Fact families

Adding four digit numbers – regrouping, mental addition, estimating and column addition

Subtracting four digit numbers and estimating differences

Planning a strategy for problem solving

Geometry

Identifying lines, line segments, angles, plane figures, lines of symmetry, parallel and intersecting lines, congruent figures, ordered pairs and solid figures

Multiplication and Division

Connecting addition and multiplication

Multiplying with numbers 0-9 as factors

Multiplying two digit numbers with and without regrouping

Multiplying tens and hundreds

Problem solving with mixed operations

Relating subtraction and multiplication to division

Dividing by numbers 0-9

Dividing two, three and four digit numbers with and without remainders

Dividing tens, hundreds, and thousands

Finding averages

Evaluating results

Time and Money

Telling time to the nearest minute

Finding elapsed time

Using the calendar and schedules

Finding equivalent amounts of money, estimating sums and differences and making change

Problem solving with Venn Diagrams

Measurement

Nonstandard units, meters and kilometers, inches and feet, nearest inch or half inch, yards and miles

Finding area and perimeter

Weight – grams, kilograms, ounces and pounds

Capacity – Liters, cups, pints, quarts, gallons

Volume – cubic units

Temperature – Fahrenheit and Celsius

Biblical units of measurement

Fractions and Decimals

Writing fractions as parts of a whole and parts of a set

Identifying equivalent fractions

Comparing, adding and subtracting fractions

Writing whole numbers and mixed numbers

Problem Solving – Using a recipe

Decimal place value to hundredths

Relating fractions and decimals

Comparing, ordering, reading and writing decimals

Adding and subtracting decimals

Graphing, Probability and Algebra

Designing pictographs, bar graphs and line graphs and analyzing graphical information

Using variables, writing equations and reviewing algebra

LANGUAGE ARTS

Oregon Standard

Third grade students move from decoding words to learning more about what words mean. They learn longer and more difficult words that express abstract ideas. They also start thinking more about what they read. They identify and discuss main ideas, characters, plot, setting, and theme. They read a variety of grade-level-appropriate classic and contemporary literature and add biographies, historical fiction, science fiction, and mythology to what they have read in earlier grades. Third grade students get to know the kind of writing and organization used in textbooks. They read fluently, with expression and without stopping to figure out what each word means, at a target rate of 110-120 words correct per minute. They not only write clear sentences but also clear paragraphs that demonstrate an awareness of audience and purpose. They also deliver brief oral presentations, tell stories, and perform plays.

CCCS Language Arts

Curriculum:

Educators Publishing Service: *Wordly Wise 3000*

Reading comprehension

Critical thinking

Using a dictionary and pronunciation key

Word usage

Context clues

Synonyms and antonyms

Multiple-meaning words

Using word parts to determine meanings – prefixes, suffixes

Greek and Latin roots

Homophones

Picture clues and captions

Analogies

Word origins

Firsthand Heinemann: *Primary Units of Study by Lucy Calkins*

Writing workshops

Personal narrative writing

Teaching skills and strategies

The craft of revision

Poetry

Nonfiction writing: procedures and reports

Authors as mentors

Evan Moor: *Daily Language Review*

Punctuation & grammar – abbreviations, language use, parts of speech, possessive nouns, sentence structure and types, singular/plural nouns, subject/predicate, verb tense

Comprehension-analogies, categorizing, cause & effect, fact/fantasy, fact/opinion, fiction/nonfiction, setting/inference

Vocabulary/word study-base word/prefix/suffix, contractions, homophones, rhyme, synonyms/antonyms, vowel sounds, word meaning from context

Reference skills – alphabetical order, syllabication, dictionary guidewords, and reference materials

Language skills - correcting spelling errors, finding mistakes, writing friendly letters, sentence combination

Bob Jones University: *Once Upon an Open Book, Not So Very Long Ago*

Word Recognition-phonics review; Introduction of several variant spellings; syllable division; base words/prefixes/suffixes, VC/CV pattern, compound words, words ending with –tion; context clues; service words review

Vocabulary – Meaning from context; antonyms; synonyms; prefixes; suffixes; analogies; compound words; contractions

Comprehension – literal; interpretive; critical; appreciative levels; classify; sequencing; cause and effect; relevant/irrelevant information; draw conclusions; compare and contrast; develop opinions; fact/opinion; main idea; predict outcomes;

problems/solutions; make inferences; critical thinking; time/place relationships; abbreviations; comparative/superlatives; possessives; pronoun references
Literature – setting; plot; point of view; metaphor; simile; fanciful elements; idioms; imagery; foreshadowing; personification; conflict; repetition in poetry; rhyme and rhythm; quatrains in poetry; onomatopoeias; alliteration; main character development and motives; character traits; humor; sarcasm; suspense
Study Skills – glossary; table of contents; calendar; schedules; diagrams; maps; newspapers; classified ads; graphs; Bible concordance; biographical dictionaries; encyclopedias; timelines; cross references; PQ3R study method; skimming; scanning
Silent Reading – purpose for reading; author’s message; and biblical truth
Oral Reading – communicate message of the author and mood; motive; convey emotion; portray a character; choral reading; drama
Composition – Simile; alliterative phrases; news article; personal experience
Gail Boushey & Joan Moser – *The Daily 5, Fostering Literacy Independence in the Elementary Grades* – reading to self, reading to someone, listening to reading, writing about reading and doing word work.

Handwriting without Tears – *Cursive Handwriting*

Various Novels used in Literature groups.

SCIENCE

Oregon Standard

Third grade science students develop their understanding of the variation in living and nonliving things and their interaction with energy and forces. They explore physical properties of the states of matter and how forces affect an object’s position, motion, and speed. Students investigate life cycles of plants and animals and characteristics of organisms and their offspring. They study Earth’s seasonal weather patterns of precipitation and temperature. Students learn the basic concepts of scientific inquiry as they make observations, ask questions of form hypotheses, plan a simple investigation, and collect and use data to explain the results and draw conclusions. Students build their understanding of engineering design as they identify a problem, propose a potential solution, design a prototype, and learn how inventions have changed the way people live and pursue science.

CCCS Science

Curriculum

Concordia Publishing House, *Discovery Works*

Since the study of science is the discovery of God’s truth as it relates to the world He has created and its natural laws, students will discover scientific concepts and content through a hands-on discovery approach. They will explore scientific principles during safe lab experiences as they practice the scientific method and are taught to, “think like a scientist.” Classroom labs and equipment are provided as students enjoy constructing or building on existing knowledge throughout the following units of study;

Life Cycles – Stages in the life cycles of animals and plants; changes in animals and plants as they mature; ways that animals and plants survive.

Roles of Living Things – The needs of living things in relation to their environments; how living things adapt to their environments, change them, and respond to them

Forms of Energy – The forms of energy and their effect on matter; how heat energy moves, changes matter, and is measured; the benefits and drawbacks of different energy sources.

Sun, Moon, and Earth – The physical features of the Sun and Moon; the rotation and revolution of Earth and Moon; Earth's seasonal changes; eclipses

Earth's Water – Characteristics of Earth's water, including sources of fresh water and the water cycle; water distribution, pollution, and conservation

HEALTH

Oregon Standard

K-3 health skills and concepts include working on alcohol, tobacco and other drug prevention by demonstrating refusal skills around the use of tobacco and alcohol products. Through the promotion of healthy eating, students learn to choose a variety of foods to eat from different food groups and advocate for more fruits and vegetables at school. Students show their understanding of unintentional injury prevention by using a decision making model to plan ahead to avoid dangerous situations and injuries on the way to and from school. Students also learn about violence suicide prevention by explaining how helpful and hurtful messages in media can affect an individual's behavior.

CCCS Health

Curriculum: - Oregon Dairy Council –*Little D's Nutrition Expedition*

Concordia Publishing House *Discovery Works Health Units*

Yellow Dyno, Inc. – *Protecting Children from Child Predators (a non-fearful musically based anti-victimization curriculum)*

Students are taught that they are special and unique creations of God and that, as believers, our bodies are a temple of the Holy Spirit. They learn how to make healthy and Godly choices in the following units of study;

Healthy food keeps us healthy and active: how to safely prepare and store food; where digestion begins; how to keep your teeth healthy; what happens to food after it is swallowed and safety precautions.

Students also participate in Red Ribbon Week (a week long focus on drug prevention awareness) and a class in fire safety with the local fire department.

SOCIAL STUDIES

Oregon Standard

K-3 students focus on basic skills in history, geography, civics and economics relating most to home and community. Students use their local area to explore their responsibilities and rights as citizens of a community, and the history of that community.

They use simple maps, locate physical features, and consider how people are affected by the environment and how the environment is affected by people. Students also study the concept of economic scarcity and how people make economic choices. Additionally, they learn the basic concepts of Social Science Analysis, identifying issues or problems, gathering information, comparing perspectives, and considering options or responses to issues or problems.

CCCS Social Studies

Curriculum - Macmillan/McGraw-Hill *Our Communities*

Communities and culture
Communities and geography
Early communities in America
People on the move
New ideas change communities
Living and working in communities
How government works
Mexico's capital city
Citizens in action
People and culture

COMPUTERS

Oregon Standard

See K-12 Educational Technology

CCCS Computers

Students learn to use the computer keyboard and utilize various programs to enhance their academic and problem solving skills. They also use the computers to research information for projects and papers. They learn how to use the Internet safely and effectively.

ART

Oregon Standard

K-3 grade students explore basic skills in creating works of art, responding and analyzing works of art, and understanding the relationships between works of art and their community. Students explore the creative process, using essential elements and organizational principles of different arts disciplines for expression. Students recognize and describe those elements and principles in other works of art and identify personal preferences. Students identify an event or condition that influenced a work of art, and cultural characteristics of a work of art. Students also describe the place of the arts in their community.

CCCS Art

Discovering Great Artists, MaryAnn Kohl & Kim Solga

Hands on art for children in the styles of the Great Masters – Each art process focuses on one style and one artist. The most important aspects of the art projects are discovery, exploration, and individual creativity.

http://www.princetonol.com/groups/iad/links/categorized_lessons.html - Categorized lessons by grade from Princeton Online Incredible Art

Note: (Third Grade Social Studies units include “Artists in the Community” and “Adding Art to a City.”)

CCCS Performing Arts

Students participate in the Christmas Program and Spring Program during the school year. They also attend at least one play at a local theatre as part of an all school field trip.

PHYSICAL EDUCATION

Oregon Standard

K-3 physical education students work on the basic skills of moving, using equipment and varying the manner in which the skills are performed in relationship to changing conditions and expectations. Students achieve mature form in the less complex skill (e.g., underhand throw) and progress toward achieving mature form in the more complex skills (e.g., foot dribble). They also work on safe practices, physical education class rules and procedures.

CCCS Physical Education

Third grade students participate in the P.E. program once a week with students in grades K-3. They learn skills in stretching, cardiovascular exercise, various sports, sportsmanship and teamwork.

MUSIC

Oregon Standard

None

CCCS Music

Students participate in group singing, rhythmic activities and musical games, and develop an appreciation and enjoyment of music

FOURTH GRADE

BIBLE

Oregon Standard

None

CCCS Bible

Curriculum -ACSI – *Christ and His Word*

Bible Study Tools – Timelines, maps, context, and a concordance

The Bible Is Inspired and True

The Bible Endures

God Is Omnipresent, Omniscient and Omnipotent

Christ Had a Human Body

Christ Is Divine

Christ Is My Substitute

The Holy Spirit Indwells, Empowers and Enlightens Me

Man Is Created in God's Image

Man Has a Sinful Nature

Man's Purpose Is to Glorify God

The Origins, Effects and Consequences of Sin

Salvation Is by Grace Alone, Through Faith Alone, In Christ Alone

Eternity Is God's Time

Angels Are God's Messengers

The Church Is Christ's Body

The Church Is Salt and Light

Christ Will Come for His Church

The Judgments of Christ

My Walk with God – Prayer, Devotions, Sharing the Good News, and Holding On to the Truth

The Names of Christ

Easter

Addressing Life Problems – Being honest, getting along with others, self-esteem, good use of time, divorce in the family, wanting to be accepted by others, feeling others are unfair.

God's World Magazine – God Centered Focus on World Events

Scripture Memorization – Essentials of Believing and Salvation

God/Jesus - John 14:6-7 and Deuteronomy 6:4-5

Bible – John 20:30-31

Human Condition/Sin – Romans 3:10-12

Christ paid the penalty for sin – Ephesians 2:8-9 and 1 Peter 3:18

Necessity of receiving/following Christ only – Romans 10:13

New life/new beginning – John 3:7 and Psalms 103:8, 11-12

Members of a new family – 2 Corinthians 5:17 and Micah 6:8

Assurance – Philippians 1:6

Students attend weekly chapel services where they learn how to live out and defend their faith. They also participate in community service activities throughout the year.

MATH

Oregon Standard

Fourth grade math students continue to refine their multiplication and division skills by developing strategies for multi-digit multiplication and division. They also add and subtract simple fractions and decimals and begin to explore the concept of probability. In geometry they study quadrilaterals and are introduced to angles and congruency.

CCCS Math

Curriculum:

Grow Publications, *Arithmetic Developed Daily*

ACSI, *Purposeful Design*

Place Value:

Place value to hundred millions

Rounding numbers to millions

Comparing and ordering numbers

Reading to solve problems

Addition & Subtraction

Mental math and properties of addition

Problem solving with addition and subtraction

Roman numerals

Multiplication and Division Facts and Problems

Reading graphs

Properties of multiplication

Multiples of 10, 100 and 1000

Missing factors

Multiplying 2, 3, and 4 digit numbers

Using calculators

Rules of division

Multiplying and dividing money

Dividing larger numbers

Using multiplication for division

Interpreting remainders

Finding averages

Estimating quotients and multiples of 10, 100 and 1000

Factor trees

Square numbers

Patterns in division

Problem solving skills

Geometry:

Points, lines, rays, parallel and intersecting lines, angles, perpendicular lines, triangles, congruent and similar figures, quadrilaterals, polygons, circles, symmetry, area, perimeter, solid and plane figures, volume

Fractions:

Fractions of numbers

Simplifying fractions

Adding and subtracting fractions with like and unlike denominators

Adding and subtracting mixed numbers

Experimenting with probability

Decimals:

Tenths and hundredths

Equivalent decimals

Comparing, ordering, estimating and rounding decimals

Adding and subtracting decimals

Averaging with decimals

Practicing decimals with money

Ratio: fractions, decimals and percent

Problem solving with money

Problem solving strategies

Measurement:

Measuring length, weight and capacity – customary and metric units

Measuring mass in metric units

Problem solving with length, weight and capacity

Temperature: Fahrenheit and Celsius

Units of time and elapsed time

Time zones and Calendars

Solving problems with time and temperature

LANGUAGE ARTS

Oregon Standard

Fourth grade students continue to build their vocabularies, adding letters at the beginnings and ends of root words to create new words. They learn variations on word meanings such as synonyms, antonyms, idioms, and words with more than one meaning.

They recognize key features of textbooks and begin to use a thesaurus to find related words and ideas. They read a variety of grade-level-appropriate classic and contemporary literature and expand their interest in informational text, biographies, historical fiction, science fiction, and mythology. Fourth grade students read at the target rate of 115-140 words correct per minute. They write multiple-paragraph narrative, descriptive, and persuasive compositions that begin to use quotations or dialogue to capture their readers' attention. They use the conventions of Standard English in their written communications. They deliver oral summaries of articles and books they have read.

CCCS Language Arts

Curriculum:

Educators Publishing Service: *Wordly Wise 3000*

Reading comprehension

Critical thinking

Using a dictionary and pronunciation key

Word usage

Context clues

Synonyms and antonyms

Multiple-meaning words

Using word parts to determine meanings – prefixes, suffixes

Greek and Latin roots

Homophones

Picture clues and captions

Analogies

Word origins

Firsthand Heinemann: *Units of Study by Lucy Calkins*

Writing workshops

Memoir – The Art of Writing Well

Literary Essays – Writing About Reading

Writing Fiction – Big Dreams, Tall Ambitions

Breathing Life into Essays

Raising to Quality of Narrative Writing

Evan Moor: *Daily Language Review*

Capitalization – Beginning of sentence, books, songs, poems, titles of people and other proper nouns

Punctuation – End of sentence, abbreviations, colons, books, magazines, plays and run-on sentences

Quotation Marks – In speech, songs, poems and short stories

Commas – Words in a series, dates, addresses, dialogue, parenthetical expressions, direct address, compound sentences, introductory phrases, nonrestrictive appositive

Apostrophes – Contractions and possessives

Grammar and Usage – Correct articles, determiners, adjectives, double negatives, pronouns, homophones, verb forms

Bob Jones University: *I Met You in a Story*

Word Recognition – Syllable division; primary/secondary accents; base words/prefixes/suffixes; schwa syllables; shift in accents

Vocabulary – Meaning from context; prefixes; suffixes; Greek and Latin roots; synonyms; antonyms; analogies; multiple meanings

Comprehension – Literal; interpretive; critical; appreciative levels; Biblical truth; classify; cause and effect; sequence events; draw conclusions; predict outcomes; fact/opinion; comparative/superlatives; main idea; relevant/irrelevant information; place/size/time relationships; dialect; discernment; sense of history

Literature – Setting; plot; conflict; crisis; flashback; main character; character growth and change; point of view; foreshadowing; moral; personification; good/evil elements;

distinguishing genres; mood; haiku' simile; metaphor; hyperbole; idiom; onomatopoeia; imagery; rhymes; exaggerations; suspense

Study Skills – Bible study; card catalog; Dewey decimal system; encyclopedia; key word; cross-references; glossary; types of dictionaries; charts; graphs; maps; timeline; captions; headlines; subtitles; outlining; PQ3R study method; skimming; scanning; paraphrasing; schedules; diagrams

Silent Reading – Purposes; for information, for entertainment, for understanding, for spiritual growth; author's message; biblical truth

Oral Reading – Communicate author's message; communicate mood and motive; convey emotion; portray character; convey meaning of Scripture; voice inflection; volume and pacing

Composition – Metaphor; simile; limerick; caption; dialogue

Zaner-Bloser: G.U.M. (*Grammar, Usage, and Mechanics*)

Mechanics and Punctuation

Sentence Structure and Parts of Speech

Proper Word Usage

Letters and E-mails

Research

Guidelines for Listening and Speaking

Various Novels

SCIENCE

Oregon Standard

Fourth grade science students build their understanding of the natural world learning how living and non-living things are classified by their characteristics and properties.

Students study physical changes in matter, the properties of energy, and how objects vary in the way they interact with energy. They compare and contrast fossils and living organisms, and learn about interactions of organisms and their environment. They study Earth materials and the changes that take place on Earth's surface. Students build their scientific inquiry skills as they develop testable questions, design an investigation, and collect, record, summarize, and use the results to confirm and support a logical argument.

They also develop their use of science and engineering design skills as they learn to identify a problem and design, construct, and test a possible solution.

CCCS Science

Curriculum

Concordia Publishing House, *Discovery Works*

Since the study of science is the discovery of God's truth as it relates to the world He has created and its natural laws, students will discover scientific concepts and content through a hands-on discovery approach. They will explore scientific principles during safe lab experiences as they practice the scientific method and are taught to, "think like a scientist." Classroom labs and equipment are provided as students enjoy constructing or building on existing knowledge throughout the following units of study;

Animals – Basic needs of animals; adaptations that help animals meet their needs; classification of living things; characteristics of different animal groups

Properties of Matter – Physical properties; states; effects of heat loss or gain and of physical and chemical changes

Magnetism and Electricity – Properties of magnets; forms of electrical energy; electric current; how electric current is changed into useful energy

Earth's Land Resources – How moving water, wind, and ice shape the land; natural resources and conservation efforts; consequences for producing and disposing of trash

Weather and Climate – Earth's atmosphere; effects of changes in the air on weather; weather patterns and predictions; seasonal weather changes and climate

HEALTH

Oregon Standard

Grade 4 and 5 health skills and concepts include learning about alcohol, tobacco and other drug prevention by creating an advocacy campaign at school to follow school rules regarding alcohol and tobacco use. Students also promote healthy eating by describing how media, cultural and family influences encourage healthy eating practices. Students learn about the promotion of sexual health by identifying people in the school or community who could provide valid health information about the changes that occur during puberty. Students are able to access information on the nature of fires and fire prevention and their ability to demonstrate how to respond to peers who may encourage them to misuse fire or fireworks. Students also learn about violence and suicide prevention by demonstrating steps of problem solving, anger management and impulse control.

CCCS Health

**Curriculum: - Oregon Dairy Council –*Arianna's Nutrition Expedition*
Health Studies Weekly**

Yellow Dyno, Inc. – *Protecting Children from Child Predators (a non-fearful anti-victimization curriculum)*

Students are taught that they are special and unique creations of God and that, as believers, our bodies are a temple of the Holy Spirit. They learn about their bodies and how to make healthy and Godly choices through nutrition and physical activity. Students also participate in Red Ribbon Week (a week long focus on drug prevention awareness) and a class in fire safety with the local fire department.

SOCIAL STUDIES

Oregon Standard

Grades 4-5 grade students begin to apply skills to more specific Social Sciences content. Students examine the period of United States History from pre-history through the American Revolution, including focus on the Declaration of Independence. Attention is given to the study of Oregon's tribes. Students study the levels and branches of government at both the state and national levels. In Economics, students continue their study of economic choice to include supply and demand, price, trade, and money. They

also study basic concepts of Personal Finance. In geography, students use maps and charts to understand and analyze patterns; compare locations, migration, and population; and to investigate causes of environmental and cultural change. Students extend their work with Social Science Analysis conducting more sophisticated research, examining primary and secondary sources, establishing cause-and-effect relationships, and drawing conclusions from evidence.

CCCS Social Studies

Curriculum - Macmillan/McGraw-Hill *Our Country's Regions & Oregon – The World Around Us*

Simon & Schuster-*Apples to Oregon*

Sterling Publishing-*The Stout Hearted Seven Orphaned on the Oregon Trail*

The United States: Its Land and People

United States geography, regions, weather, climate and resources

The Declaration of Independence, US Constitution and government

US cultures and customs and economy

Writing an outline

The Southwest

Environment and history

The Southwest today

Critical Thinking – How should water be conserved?

The Southeast

Environment, history and economy

Civil rights and the Southeast today

Citizenship – Helping fight fires

The Northeast

Environment, history and economy

The Northeast today

Critical Thinking – How can traffic problems be solved?

The Middle West

Environment, history and economy

The Middle West today

The world around us – from farming to industry

The Mountain States

Environment, history and economy

The Mountain States today

Critical thinking – How should natural gas be developed?

The West

Environment, history and economy

The West today

The World around Us

Herders in the Gobi Desert

The City of Mumbai

Swiss Alps

COMPUTERS

Oregon Standard

See K-12 Educational Technology

CCCS Computers

Students learn to use the computer keyboard and utilize various programs to enhance their academic and problem solving skills. They also use the computers to research information for projects and papers. They learn how to use the Internet safely and effectively.

ART

Oregon Standard

Grades 4-5 students begin to refine their control over essential elements and organizational principles while identifying the creative process they use and how their choices affect their final expression. Students identify how essential elements and organizational principles contribute to their preferences, identify aesthetic criteria that can be used to analyze works of art, and select which to use to critique their own work. Students begin to describe the influences on works of art and relate common characteristics that reflect social contexts. Students describe how works of art reflect their society, the purposes they serve, and the influences they have on that society.

CCCS Art

Discovering Great Artists, MaryAnn Kohl & Kim Solga

Hands on art for children in the styles of the Great Masters – Each art process focuses on one style and one artist. The most important aspects of the art projects are discovery, exploration, and individual creativity.

http://www.princetonol.com/groups/iad/links/categorized_lessons.html - Categorized lessons by grade from Princeton Online Incredible Art

CCCS Performing Arts

Students participate in the Christmas Program and Spring Program during the school year. They also attend at least one play at a local theater as part of an all school field trip.

PHYSICAL EDUCATION

Oregon Standard

Grades 4-5 physical education students continue to build on achieving mature form of more complex skills (e.g., hand dribble, throw). Students begin to engage in physical activities specifically related to each component of physical fitness (cardio-respiratory endurance, muscular strength and endurance, flexibility and body composition), complete standardized fitness testing comprised of these components and with teacher assistance

interpret the results. Students become capable of monitoring their own activity and use performance feedback to increase their understanding of a skill as well as to improve performance.

CCCS Physical Education

Fourth grade students participate in the P.E. program once a week with students in grades 4-8. They learn skills in stretching, cardiovascular exercise, various sports, sportsmanship and teamwork.

MUSIC

Oregon Standard

None

CCCS Music

Students are introduced to the basic concepts of music theory through group participation in song. They learn to acknowledge and praise God through music. Students learn to appreciate the process of composition through exposure to stories of popular classical and contemporary composers. They participate in musical performances through outreach programs in their community and two annual school functions. Students will apply their accumulated knowledge of musical theory to compose and perform their own works.

FIFTH GRADE

BIBLE

Oregon Standard

None

CCCS Bible

Curriculum -ACSI – *Christ and My Choices*

God's Special Revelation – Old Testament Overview

Abraham: Trust

Abraham and Isaac: Obedience

Joseph: Rejection and Forgiveness

Moses: Fearing God, Not Man, Choosing God's People, Handling Inadequacies

Joshua and Caleb: Standing Alone

Joshua: Leadership

Achan: Hiding Sin

Overview of Judges: Cycle of Sin

Deborah: A Helper to Others

Gideon: A Man Who Faced Fear

Jephthah: Overcoming a Poor Background

Samson: Wrong Choices

Ruth, Naomi and Boaz: Love and Loyalty

Overview of the United Kingdom

Contentment with God's Provisions and Promises

Samuel: Sensitivity to God

Saul: Pride and Disobedience

David: Confidence in God, Sin and Consequences

Absalom: Rebellion

Solomon: Wisdom, Talents and Treasures Given to God

Overview of the Divided Kingdom

Ahab and Elijah: The Fight between Good and Evil

Elisha: Prophet of Miracles and Mercy

Isaiah: The Messianic Prophet

Jeremiah: God's Weeping Prophet

Daniel: Excellent in Spirit

Ezra: The Religious Reformer

Nehemiah: The Rebuilder

Jesus Christ in the Old Testament

Addressing Life Problems – Being honest, wanting to be accepted by others, self-esteem, feeling that others are unfair, getting along with others, negative influence of TV, and disrespect to adults.

God's World Magazine – God Centered Focus on World Events

Scripture Memorization – Essentials of Believing and Salvation

God/Jesus - Deuteronomy 6:4-5 and John 1:1-2

Bible – John 20:30-31 and 2 Timothy 3:16-17
Human Condition/Sin – Romans 3:10-12 and Romans 6:23
Christ paid the penalty for sin – 1 Peter 3:18 and Romans 1:16
Necessity of receiving/following Christ only – 1 John 5:11-13
New life/new beginning – Psalms 103:8, 11-12
Members of a new family – Micah 6:8
Assurance – Romans 8:38-39
Students attend weekly chapel services where they learn how to live out and defend their faith. They also participate in community service activities throughout the year.

MATH

Oregon Standard

Fifth grade mathematics students develop greater fluency with multiplication and division and apply this understanding to explorations with decimals and fractions. Specifically, they learn how to model, add, subtract, order, and compare fractions and decimals. They also learn to model, solve, make sense of, and estimate division problems and calculate a quotient. Finally, they explore the properties of two and three-dimensional shapes and calculate and make sense of volume and surface area.

CCCS Math

Curriculum:

Grow Publications, *Arithmetic Developed Daily*

ACSI, *Purposeful Design*

Place Value

Whole numbers to hundred billions

Decimal to the Thousands

Comparing and ordering whole numbers and decimals

Rounding whole numbers and decimals

Problem solving – Using a guide

Addition and Subtraction of Whole Numbers and Decimals and Fractions

Adding and subtracting tenths and hundredths and thousandths

Estimating whole number and decimal sums and differences

Properties of addition

Problem solving – Two-step problems and using a map

Least common denominators

Unlike denominators and mixed numbers

Multiplication of Whole Numbers

Uses and properties of multiplication

Mental math

Multiples and least common multiple

Factors and greatest common factor

Multiplying by a 3-digit factors

Using calculators for multistep problems

Exploring exponents
Lattice multiplication
Division of Whole Numbers
Rules of division
Estimating quotients
Finding averages
Division patterns
Dividing with 3-digit quotients
Multiplication and Division of Decimals and Fractions
Mixed numbers and whole numbers
Multiply and divide using models
Problem solving – Find a pattern
Number Theory and Fractions
Comparing and ordering fractions
Fractions in simplest form
Greatest common factors and least common multiples
Equivalent fractions
Improper fractions and mixed numbers
Prime and composite numbers
Geometric Properties
Line relationships and symmetry
Naming rays and angles
Using a protractor, classifying triangles
Polygons, solids and quadrilaterals,
Circles
Pentominoes and motion in geometry
Congruence and similarity
Ratios, Proportion, and Percent
Finding equal ratios
Solving proportions
Finding percent
Ratio, fractions and decimals and percent
Using mental math to estimate percent
Problem Solving – Scale drawings
Measurement
Customary units of length, capacity and weight
Metric units of length capacity and mass
Computing with time
Fahrenheit and Celsius temperatures
Problem Solving – Using a time-zone map
Area, Perimeter, and Volume
Area of rectangles, triangles and irregular figures
Finding perimeter, circumference, surface area and volume
Problem solving – Using a formula
Statistics, Graphing and Probability
Collecting and organizing data

Reading, making and interpreting bar graphs, histograms, pictographs, line graphs and circle graphs

Statistics and line plots

Range, mean, median, and mode

Probability of outcomes

Rational Numbers

Comparing and ordering integers

Application of integers

LANGUAGE ARTS

Oregon Standard

Fifth grade students increase their vocabulary and their ability to understand and explain words, including those that convey ideas and images. They use word origins to determine the meaning of unknown words or phrases. They read a variety of grade-level-appropriate classic and contemporary literature and continue to expand their interest in informational text, poetry, and plays. Fifth grade students read at the target rate of 125-150 words correct per minute. They begin to do literary criticism by evaluating what they read and locating evidence to support what they say. They write multiple-paragraph compositions for different purposes and a specific audience or person, adjusting their writing as appropriate. They use transitions to connect ideas when they write. They deliver oral responses to literature that demonstrate an understanding of ideas or images communicated by what they have read.

CCCS Language Arts

Curriculum:

Educators Publishing Service: *Wordly Wise 3000*

Reading comprehension

Critical thinking

Using a dictionary and pronunciation key

Word usage

Context clues

Synonyms and antonyms

Multiple-meaning words

Using word parts to determine meanings – prefixes, suffixes

Greek and Latin roots

Homophones

Picture clues and captions

Analogies

Word origins

Firsthand Heinemann: *Units of Study by Lucy Calkins*

Writing workshops

Memoir – The Art of Writing Well

Literary Essays – Writing About Reading

Writing Fiction – Big Dreams, Tall Ambitions

Breathing Life into Essays

Raising to Quality of Narrative Writing

Evan Moor: *Daily Language Review*

Capitalization – Beginning of sentence, books, songs, poems, titles of people and other proper nouns

Punctuation – End of sentence, abbreviations, colons, books, magazines, plays and run-on sentences

Quotation Marks – In speech, songs, poems and short stories

Commas – Words in a series, dates, addresses, dialogue, parenthetical expressions, direct address, compound sentences, introductory phrases, nonrestrictive appositive, coordinate adjectives

Apostrophes – Contractions and possessives

Grammar and Usage – Correct articles, adjectives, adverbs, double negatives, plurals, pronouns, homophones, verb forms

Bob Jones University: *I Met You in a Story*

Word Recognition-Syllable division; primary/secondary accents; base words/prefixes/suffixes; schwa syllables; shift in accents

Vocabulary – Meaning from context; prefixes; suffixes; Greek and Latin roots; synonyms; antonyms; analogies; adverbs; acronyms; contractions

Comprehension – Emphasis on critical and appreciative levels; biblical truth; brainstorming ideas; compare and contrast; making judgments; cause and effect; predict/evaluate outcomes; draw conclusions; classify; sequence events; allegorical comparisons; fact/opinion; dialect; main idea; relevant/irrelevant information; pronoun references; quotation marks; sense of history

Literature – Setting; plot; mood; theme; symbols; characters; figurative language; alliteration; assonance; hyperbole; idiom; metaphor; simile; understatement; conflict; crisis; humor; allegorical setting; propaganda; onomatopoeia; moral; main character; character motives, growth and change; point of view; rhyme pattern; enjambment; plot resolution; author biographies; suspense; allusion

Study Skills – Bible study; card catalog; Dewey decimal system; atlas; encyclopedia; dictionary; glossary; cross-references; charts; graphs; diagrams; maps; tables; index; captions; headlines; outlining; note taking; summarizing; key word; topic sentence; PQ3R study method; skimming; scanning; paraphrasing; listening strategy; subheadings; relevant/irrelevant information; time line,

Silent Reading – Purposes; for information, for entertainment, for understanding, for spiritual growth; author's message; biblical truth

Oral Reading – Communicate author's message; communicate mood, meaning, and motive; convey emotion; portray character; voice expression; volume and rate

Composition – Biography; fable; folktale; legend; modern realistic fiction; book review; plot; caption; dialogue

Zaner-Bloser: *G.U.M. (Grammar, Usage, and Mechanics)*

Mechanics and Punctuation

Sentence Structure and Parts of Speech

Proper Word Usage

Letters and E-mails

Research

Guidelines for Listening and Speaking
Various Novels

SCIENCE

Oregon Standard

Fifth grade science students develop an understanding of living and non-living things as systems composed of related parts that function together and interact with force, energy, and matter. They investigate the Sun-Earth-Moon system, how energy from the sun affects Earth's weather and climate, and how forces affect objects on Earth. They study adaptation and the interdependence of organisms and the environment. Students extend their work with scientific inquiry, designing and conducting simple investigations to answer questions or test hypotheses, and collecting, organizing, summarizing, analyzing, and interpreting data. They also extend their work with engineering design using science principles to describe, design, and build a solution to a problem given criteria and constraints. Students learn that inventions may lead to other inventions.

CCCS Science

Curriculum

Concordia Publishing House, *Discovery Works*

Since the study of science is the discovery of God's truth as it relates to the world He has created and its natural laws, students will discover scientific concepts and content through a hands-on discovery approach. They will explore scientific principles during safe lab experiences as they practice the scientific method and are taught to, "think like a scientist." Classroom labs and equipment are provided as students enjoy constructing or building on existing knowledge throughout the following units of study;

Plants – Parts of flowering plants; plant cycles; plant cells; plant processes; classifying plants; structural adaptations

Populations and Ecosystems – Dynamic interactions of living and nonliving things in an ecosystem; how energy and matter flow through an ecosystem; biomes; biodiversity

Energy, Work and Machines – Properties of energy, including its forms, ability to change for, and effects; friction; simple machines

Light and Sound – Properties of light; lenses and their uses; color; properties of sound; the sense of hearing; controlling, recording and transmitting sound

The Solar System and Beyond – The night sky; how astronomers learn about space; the solar system; stars and galaxies; survival in space

The Solid Earth – Properties and uses of minerals and rocks; the rock cycle; Earth's structure; fossils and clues to the age of rocks; the formation of mountains; faults

HEALTH

Oregon Standard

Grade 4 and 5 health skills and concepts include learning about alcohol, tobacco and other drug prevention by creating an advocacy campaign at school to follow school rules regarding alcohol and tobacco use. Students also promote healthy eating by describing how media, cultural and family influences encourage healthy eating practices. Students learn about the promotion of sexual health by identifying people in the school or community who could provide valid health information about the changes that occur during puberty. Students are able to access information on the nature of fires and fire prevention and their ability to demonstrate how to respond to peers who may encourage them to misuse fire or fireworks. Students also learn about violence and suicide prevention by demonstrating steps of problem solving, anger management and impulse control.

CCCS Health

**Curriculum: - Oregon Dairy Council –*Arianna’s Nutrition Expedition*
Health Studies Weekly**

Yellow Dyno, Inc. – *Protecting Children from Child Predators (a non-fearful anti-victimization curriculum)*

Students are taught that they are special and unique creations of God and that, as believers, our bodies are a temple of the Holy Spirit. They learn about their bodies and how to make healthy and Godly choices through nutrition and physical activity. Students also participate in Red Ribbon Week (a week long focus on drug prevention awareness) and a class in fire safety with the local fire department.

SOCIAL STUDIES

Oregon Standard

Grades 4-5 grade students begin to apply skills to more specific Social Sciences content. Students examine the period of United States History from pre-history through the American Revolution, including focus on the Declaration of Independence. Attention is given to the study of Oregon’s tribes. Students study the levels and branches of government at both the state and national levels. In Economics, students continue their study of economic choice to include supply and demand, price, trade, and money. They also study basic concepts of Personal Finance. In geography, students use maps and charts to understand and analyze patterns; compare locations, migration, and population; and to investigate causes of environmental and cultural change. Students extend their work with Social Science Analysis conducting more sophisticated research, examining primary and secondary sources, establishing cause-and-effect relationships, and drawing conclusions from evidence.

CCCS Social Studies

Curriculum - Macmillan/McGraw-Hill *Our Nation*

The United States: Its Land and People

The First Americans

Peopling the Western Hemisphere

Native Americans

Worlds Meet

The Age of Exploration

Contact and Exploration

The Settlement of North America

Critical Thinking – Should Columbus Day be celebrated as a national holiday?

Colonization and Conflict

Establishment of the 13 English Colonies

Life in the Colonies

European Rivalries in North America

Problem solving and thinking skills – Making generalizations and working together to work things out

The Fight for Independence

Breaking Ties with Great Britain

The American Revolution

The Constitution of the United States

Critical Thinking – How should the President be elected?

A New Nation

The Young United States

The Nation Grows

Thinking Skills – Distinguishing fact from opinion

Slavery and Emancipation

Slavery Divides the Nation

The Civil War and Reconstruction

Critical Thinking – How did Lincoln's death affect reconstruction?

The Nation Changes

The Changing West

The Nation is Industrialized

Critical Thinking – When should the government break up monopolies?

The Modern Era

Good Times and Hard Times – WWI, the Depression and WWII

A Changing World – The civil rights movement, society, cold war, new challenges

Our Neighbors in the Western Hemisphere – Canada, Mexico, Central and South America, the Caribbean

COMPUTERS

Oregon Standard

See K-12 Educational Technology

CCCS Computers

Students learn to use the computer keyboard and utilize various programs to enhance their academic and problem solving skills. They also use the computers to research information for projects and papers. They learn how to use the Internet safely and effectively.

ART

Oregon Standard

Grades 4-5 students begin to refine their control over essential elements and organizational principles while identifying the creative process they use and how their choices affect their final expression. Students identify how essential elements and organizational principles contribute to their preferences, identify aesthetic criteria that can be used to analyze works of art, and select which to use to critique their own work. Students begin to describe the influences on works of art and relate common characteristics that reflect social contexts. Students describe how works of art reflect their society, the purposes they serve, and the influences they have on that society.

CCCS Art

Discovering Great Artists, MaryAnn Kohl & Kim Solga

Hands on art for children in the styles of the Great Masters – Each art process focuses on one style and one artist. The most important aspects of the art projects are discovery, exploration, and individual creativity.

http://www.princetonol.com/groups/iad/links/categorized_lessons.html - Categorized lessons by grade from Princeton Online Incredible Art

CCCS Performing Arts

Students participate in the Christmas Program and Spring Program during the school year. They also attend at least one play at a local theater as part of an all school field trip.

PHYSICAL EDUCATION

Oregon Standard

Grades 4-5 physical education students continue to build on achieving mature form of more complex skills (e.g., hand dribble, throw). Students begin to engage in physical activities specifically related to each component of physical fitness (cardio-respiratory endurance, muscular strength and endurance, flexibility and body composition), complete standardized fitness testing comprised of these components and with teacher assistance interpret the results. Students become capable of monitoring their own activity and use

performance feedback to increase their understanding of a skill as well as to improve performance.

CCCS Physical Education

Fifth grade students participate in the P.E. program once a week with students in grades 4-8. They learn skills in stretching, cardiovascular exercise, various sports, sportsmanship and teamwork.

MUSIC

Oregon Standard

None

CCCS Music

Students are introduced to the basic concepts of music theory through group participation in song. They learn to acknowledge and praise God through music. Students learn to appreciate the process of composition through exposure to stories of popular classical and contemporary composers. They participate in musical performances through outreach programs in their community and two annual school functions. Students will apply their accumulated knowledge of musical theory to compose and perform their own works.