

READING

Harcourt Trophies

Students demonstrate confidence with a range of different materials. They read selections organized thematically.

They apply basic research skills and select appropriate reading materials based on interest, purpose, and level of difficulty.

WRITING

Step Up to Writing

Students use a structured format to organize words and sentences into clear and meaningful informational text.

Students use the process of writing (prewriting, drafting, revising, editing, and publishing). They write in various forms such as business letters, observation reports, summaries, and journals.

Six-Trait Writing Assessment

This classroom-scoring guide provides information and feedback to students about six important elements of their writing: content, organization, sentence fluency, word choice, voice, and conventions (grammar, spelling and punctuation).

Students write in D'Nealian cursive and increase their speed and accuracy on a computer keyboard.

MATHEMATICS

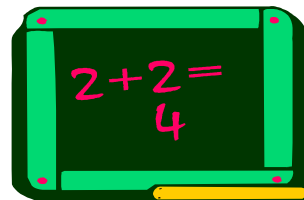
Math Trailblazers

The foundation of the program is that math concepts and skills are best learned while solving problems. Mathematics computation is embedded within real-life problem situations, and concepts and strategies are reviewed and extended throughout the school year.

Units of study include:

- Multi-digit multiplication
- Fractions, decimals and mixed numbers
- Concept of area
- Geometry/Measurement, algebra
- Data, statistics and probability
- Reasoning, problem solving and communication

A central theme in Grade 4 is using multiplication. Students learn multiplication procedures, including algorithms, and apply those procedures in different contexts. Area is a direct use of multiplication, and procedures for finding equivalent fractions (including translating between fractions and mixed numbers) can also be an application of multiplication. Decimal notation extends place value knowledge.



SCIENCE

Full Option Science System (FOSS)

Magnetism and Electricity - Students explore permanent magnetism, simple electrical circuitry and electromagnetism. Students apply their knowledge by making telegraph units and a code system to communicate with each other.

Human Body - Students learn the basic structural systems of their bodies (skeleton, joints and muscles), and how these systems work together to provide movement, particularly in a stimulus/response situation.

Water - Students come in close contact with the most amazing material, water. They investigate surface tension, freezing, expansion, density, evaporation, and condensation in a number of everyday settings. Finally, they consider water quality and the process by which water is recycled naturally.

THE ARTS

Visual Arts -

Students demonstrate increased knowledge and understanding of the elements of art by applying shading from light to dark to create the illusion of 3-dimensions, mixing complementary colors to decrease intensity, using lines to express feelings/character, and understanding line types and forms. They identify properties of textures in their environment (natural and manufactured) and can apply their skills to single medium as well as multimedia works.

SOCIAL STUDIES

The World Around Us: Regions Near and Far

Students explore regions of the United States with a particular emphasis on the state of Washington and the Pacific Rim. They use a variety of resources and technological tools.

The Washington Adventure

Students learn to identify and understand major events, ideas, people and cultures in the history of Washington State through Statehood. They create and use a variety of maps displaying physical and political features and symbols of Washington State. They investigate the physical and biological aspects of our state's forestlands and they learn about the state constitution & economic system.

HEALTH/FITNESS

Physical Skills/Health-Related Fitness -

Students safely perform increasingly complex skills in games such as floor hockey, softball and volleyball. They are introduced to leisure and rhythmic activities such as pickleball and line dancing. They identify activities that increase strength, flexibility and endurance while monitoring personal fitness goals.

Healthy Lifestyles -

Students learn about major body systems and the physical effects of heredity. They develop conflict resolution skills and explore unhealthy and unsafe messages from peers and the media.

OLYMPIA SCHOOL DISTRICT

VISION: What Every OSD Graduate Should Know:

Olympia School District graduates will be contributing citizens of a world society. They will be critical thinkers with a capacity for lifelong learning and with the ability to collaborate across a diverse community. They will have critical skills & knowledge in these subject areas:

- Reading & writing
- Mathematics
- Science
- Career & technical education
- Civics, economics & history
- Health, nutrition & fitness
- Visual & performing arts
- World languages

In addition, graduates will have specific skills and attitudes that cross these subject areas, including:

- Collaboration skills
- Communication skills
- Computer and technology skills
- Environmental stewardship
- Healthy social & emotional development
- Information/media literacy
- Leadership skills
- Numerical competency
- Skills for appreciating and working in diverse communities (multi-cultural or cross-cultural literacy)

Our Strategic Goals: To achieve our vision, the OSD focuses and aligns its resources to achieve 6 key goals in these 3 areas: Effective classrooms, Effective schools, and Engagement with the community.

- High Academic Standards, Expectations & performance
- Individualized Learning
- Integrated Learning
- Best Practices
- A supportive working environment.
- Increased family and community involvement



Parents are Educational Partners

Children spend far more time at home than they do in school. How they spend their time at home makes all the difference. And, the way parents connect home life with what children learn at school lets children know why learning is important.

As educational partners, we want you to know what to expect for your child in the classroom so that you can continue to encourage curiosity about the world before and after school. Recognizing and making the most of learning opportunities in the classroom, as well as outside the classroom, makes a big difference in the success of every child. Your child's teacher can suggest some learning activities far beyond the school day.

Washington State Learning Goals

GOAL 1 *Read* with comprehension, write with skill, and communicate effectively and responsibly in a variety of ways and settings;

GOAL 2 *Know* and apply the core concepts and principles of mathematics; social, physical and life sciences; civics and history; geography; arts; and health and fitness;

GOAL 3 *Think* analytically, logically and creatively, and to integrate experience and knowledge to form reasoned judgments and solve problems; and

GOAL 4 *Understand* the importance of work and how performance, effort, and decisions directly affect career and educational opportunities.

TK/curriculum/parent's guide 8/29/09

Olympia School District



A Parent's Guide To Grade 4 Curriculum