



# Oregon Math

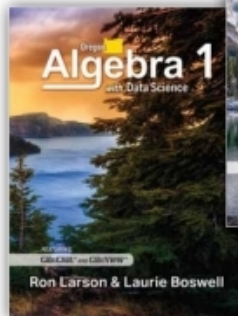
Algebra 1, Geometry, Algebra 2

 **Big Ideas Learning**

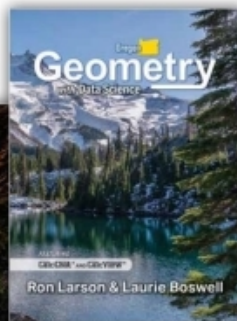
Proudly Supported By



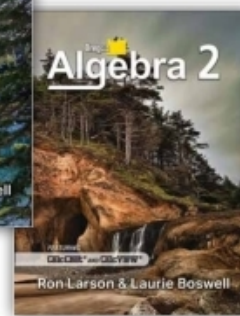
Grades 9–12



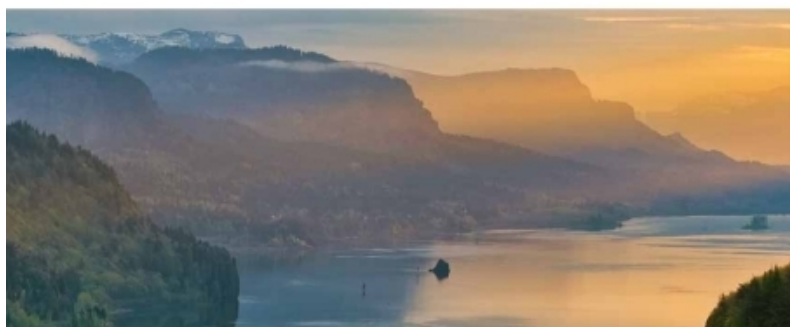
Algebra 1



Geometry



Algebra 2



# Publisher Highlights

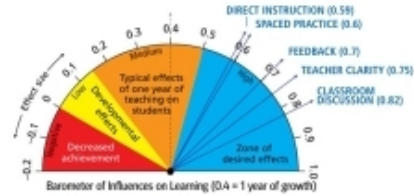
Use of high impact teaching strategies

Embedded Math Practices aligned to Oregon state standards

Supportive and engaging learning tools

Focuses on the major work and the prerequisite skills needed to develop college and career ready students.

Incorporates conceptual understanding, procedural fluency and application to engage students from surface level to deeper levels of understanding.



# NKN HS Mathematics Department Recommendation

## Key Features/ Rationale:

- ★ The curriculum is on the list of options approved by the Oregon Department of Education.
- ★ The program offers various support that addresses the needs of all students without bias.
- ★ The curriculum is offered in both traditional and integrated formats which allows us flexibility and the ability to provide course progressions that meet all career and college pathways. Special student populations benefit from student resources including the Solutions Manual, which offers step-by-step solutions to all odd-numbered exercises.
- ★ Throughout the textbook, solutions to examples from multiple perspectives are presented-algebraically, graphically, and numerically. The side-by-side format of this pedagogical feature helps students see that a problem can be solved in more than one way and to see that different methods yield the same result. Side-by-side format also addresses different learning styles.
- ★ Additional audio/video support in the form of solutions in English and Spanish, solutions video, and interactive activities are available.

- ★ Each lesson contains instructional notes for verbal discussion to deepen understanding.
- ★ Each chapter has a performance task utilizing the math skills in an authentic context. Focusing on task based learning has been a priority for the department for the last 2 years because it increases student engagement and helps them see how math is applicable in the real world.
- ★ This adoption would include online access to all grade level materials which would help teachers scaffold instruction, help fill in any gaps in skills and provide intervention materials and support for students as needed. The online resources are user friendly and feature explanatory videos, and QR codes which provide easy access to additional resources.
- ★ This curriculum has been peer reviewed, most high schools in our league are also using this curriculum and have positive things to say.

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