

MATH

8th Grade

We encourage you to follow a Option A Math Curriculum.

Option B:

Each submission date, you will submit 1 portfolio submission providing evidence of proficiency for 1 Math Skill below. Over the year you will submit 16 times. Each skill must be touched on at least once.

The skills below are broad skill areas. Please refer to the Idaho Math Standards Book for detailed skills you can use to report in each skill area.

We encourage you to touch on all the standards listed for 8th grade.

- ☐ Know that there are numbers that are not rational, and approximate them by rational numbers.
- ☐ Work with radicals and integer exponents.
- ☐ Understand the connections between proportional relationships, lines, and linear equations.
- ☐ Analyze and solve linear equations and pairs of simultaneous linear equations.
- ☐ Define, evaluate, and compare functions.
- ☐ Use functions to model relationships between quantities.
- ☐ Understand congruence and similarity using physical models, transparencies, or geometry software.
- ☐ Understand and apply the Pythagorean theorem.
- ☐ Solve real-world and mathematical problems involving volume of cylinders, cones and spheres.
- ☐ Investigate patterns of association in bivariate data.