

## District Math Assessment (DMA)

### DMA: Overview

The District Math Assessment (DMA) is a district-developed test that assesses grade-level mathematics skills. The DMA is administered to middle school math students and high school algebra and geometry students three times per year.

### DMA: Test Details

The DMA is a multiple choice test designed to be administered in one 40 minute session. Therefore, the tests are 24 or fewer items. DMA are developed from the Washington Comprehensive Assessment Program (WCAP) test 'maps.' Only samples of content items in the following strands are included in the tests. A description of the test strands and a general example of content is as follows:

- Number Sense: computation and estimation of whole numbers, fractions, decimals, and integers

- Measurement: finding perimeter, area, and volume of various shapes
- Geometric Sense: identifying and labeling characteristics of one, two and three-dimensional figures
- Probability & Statistics: finding the mean, median, mode, and range for a set of data
- Algebraic Sense: solving multi-step equations

Test windows include September, December and March. For each grade, each test uses a consistent content map although test questions are different for each version.

Results for the DMA are available to teachers and building administrators at a district, building, teacher or individual student level. District research suggests that a good performance on the DMA is very predictive of success on the state math exam.





