

**Oklahoma School Testing Program  
Oklahoma Core Curriculum Tests  
Grade 8 Mathematics  
Test Blueprint  
School Year 2013-2014**

The Test Blueprint reflects the degree to which each standard and objective of the Oklahoma Academic Standards is represented on the test. The overall distribution of operational items in a test form is intended to look as follows:

| <b>Standards and Objectives</b>                            | <b>Ideal Number of Items</b> | <b>Ideal Percentage of Items</b> | <b>Reporting Category</b> |
|------------------------------------------------------------|------------------------------|----------------------------------|---------------------------|
| <b>1.0 Algebraic Reasoning: Patterns and Relationships</b> | <b>16</b>                    | <b>32%</b>                       | <b>16</b>                 |
| 1.1 Equations                                              | 10-12                        |                                  | 10-12                     |
| 1.2 Inequalities                                           | 4-6                          |                                  | 4-6                       |
|                                                            |                              |                                  |                           |
| <b>2.0 Number Sense and Operation</b>                      | <b>11</b>                    | <b>22%</b>                       | <b>11</b>                 |
| 2.1 Number Sense                                           | 3-4                          |                                  | 3-4                       |
| 2.2 Number Operations                                      | 7-8                          |                                  | 7-8                       |
|                                                            |                              |                                  |                           |
| <b>3.0 Geometry</b>                                        | <b>9</b>                     | <b>18%</b>                       | <b>9</b>                  |
| 3.1 Three Dimensional Figures                              | 5                            |                                  | 5                         |
| 3.2 Pythagorean Theorem                                    | 4                            |                                  | 4                         |
|                                                            |                              |                                  |                           |
| <b>4.0 Measurement</b>                                     | <b>7</b>                     | <b>14%</b>                       | <b>7</b>                  |
| 4.1 Surface Area and Volume                                | 3                            |                                  | 5                         |
| 4.2 Ratio and Proportions                                  | 2                            |                                  |                           |
| 4.3 Composite Figures                                      | 2                            |                                  | 2                         |
|                                                            |                              |                                  |                           |
| <b>5.0 Data Analysis</b>                                   | <b>7</b>                     | <b>14%</b>                       | <b>7</b>                  |
| 5.1 Data Analysis                                          | 3                            |                                  | 3                         |
| 5.3 Central Tendency                                       | 4                            |                                  | 4                         |
|                                                            |                              |                                  |                           |
| <b>Total Test</b>                                          | <b>50</b>                    | <b>100%</b>                      | <b>50</b>                 |

- A minimum of 4 items is required to report results for an objective, and a minimum of 6 items is required to report a standard.
- Percentages are approximations and may result in a sum other than 100 due to rounding.
- Objectives have been grouped for reporting purposes only.
- The Oklahoma Academic Standards correspond to the *PASS* standards.