

**ALASKA STANDARDS BASED ASSESSMENT  
MATHEMATICS TEST BLUEPRINT**

| <b>Grade</b>  | <b>Strand</b>  | <b>Area of Emphasis</b>                         | <b>Assessable GRADE LEVEL EXPECTATION 2005–2006</b> | <b>Assessable GRADE LEVEL EXPECTATION Beginning 2007</b> | <b>Mathematics Distribution of Emphasis</b> |
|---|--|---|---|--|---|
| <b>6</b>  | <b>M 1.2 Numeration</b>  | Understanding Numbers                           | 1   | 1  | 14 - 18%                                    |
|   |  |   | 3   | 3  |   |
|   |  |   | 4   | 4  |   |
|   |  |   | 5   | 5  |   |
|   |  | Understanding Meaning of Operations             | 6   | 6  |   |
|   |  |   | 7   | 7  |   |
|   | Number Theory  |   | 8   | 8  |   |
|   |  | 9   | 9   |  |   |
|   | <b>M 2.2 Measurement</b>                                       | Measurable Attributes                           | 2   | 2  | 16 - 20%                                    |
|   |  |   | Measurement Techniques                              | 3  |   |
|   |  | 4   |   | 4  |   |
|   |  | 5   |   | 5  |   |
|   |  | 6   |   | 6  |   |
|   | 7  | 7   |   |  |   |
|   | <b>M 3.2 Estimation &amp; Computation</b>                      | Estimation                                      | 1   | 1  | 16 - 20%                                    |
|   |  |   | Computation   | 3  |   |
|   |  | 4   |   | 4  |   |
|   | <b>M 4.2 Functions &amp; Relationships</b>                     | Describing Patterns and Functions               | 1   | 1  | 14 - 18%                                    |
|   |  |   | 2   | 2  |   |
|   |  |   | 3   | 3  |   |
|   |  | Modeling and Solving Equations and Inequalities | 5   | 5  |   |
| <b>M 5.2 Geometry</b>                                     | Geometric Relationships  | 1   | 1   | 16 - 20%   |   |
|   |  | 2   | 2   |  |   |
|   |  | 3   | 3   |  |   |
|   |  | 4   | 4   |  |   |
|   | Similarity, Congruency, Symmetry, and Transformation of Shapes | 5   | 5   |  |   |
|   | Perimeter, Area, Volume, and Surface Area                      | 7   | 7   |  |   |
| Position and Direction                                    | 10   | 10  |   |  |   |
| Construction  | NA   | NA  |   |  |   |
| <b>M 6.2 Statistics/ Probability</b>                      | Data Display   | 1   | 1   | 12 - 16%   |   |
|   |  | Analysis and Central Tendency                   | 2   |  | 2   |
|   |  |   | 3   |  | 3   |
|   | Probability  | 5   | 5   |  |   |
| NA = Not applicable in state assessment; locally assessed |  |   |   |  |   |

**ALASKA STANDARDS BASED ASSESSMENT  
READING TEST BLUEPRINT**

| Grade    | Strand   | Performance Standard   | Assessable<br>GRADE LEVEL<br>EXPECTATION<br>2005–2006 | Assessable<br>GRADE LEVEL<br>EXPECTATION<br>Beginning 2007 | Reading<br>Distribution of<br>Emphasis |  |
|----------|--|--|---|--|--|--|
| <b>6</b> | <b>Fluency</b>   | 2.3<br>Read text aloud   | NA  | NA   | 0%                                     |  |
|          | <b>Word<br/>Identification<br/>Skills</b>  | 2.1<br>Use structural analysis; determine<br>meaning of unfamiliar words | 2.1.1<br>2.1.2<br>2.1.3<br>2.1.4                      | 2.1.1<br>2.1.2<br>2.1.3<br>2.1.4                           | 16 - 20%                               |  |
|          | <b>Forming a General<br/>Understanding</b>   | 2.2<br>Infer meaning   | 2.2.1<br>2.2.3<br>2.2.4                               | 2.2.1<br>2.2.3<br>2.2.4                                    | 54 - 58%                               |  |
|          |  | 2.4<br>Retell or restate information                                     | 2.4.1   | 2.4.1  |  |  |
|          |  | 2.5<br>Support main idea   | 2.5.1<br>2.5.2  | 2.5.1<br>2.5.2   |  |  |
|          |  | 2.6<br>Follow multi-step directions                                      | 2.6.1   | 2.6.2  |  |  |
|          | <b>Analysis of<br/>Content or<br/>Structure</b>  | 2.7<br>Identify forms of text  | 2.7.1<br>2.7.2<br>2.7.3                               | 2.7.1<br>2.7.2<br>2.7.3                                    | 24 - 28%                               |  |
|          |  | 2.8<br>Define story elements   | 2.8.1<br>2.8.2  | 2.8.1<br>2.8.2   |  |  |
|          |  | 2.9<br>Differentiate fact from opinion                                   | 2.9.1<br>2.9.3  | 2.9.1<br>2.9.2<br>2.9.3                                    |  |  |
|          |  | 2.10<br>Identify theme; make connections                                 | 2.10.1<br>2.10.2                                      | 2.10.1<br>2.10.2   |  |  |
|          |  | 2.11<br>Connect cultural influences                                      | NA  | NA   |  |  |
|          | NA = Not applicable in state assessment; locally assessed<br>Text Types: Literature 60%, Informational 40% |  |   |  |  |  |

**ALASKA STANDARDS BASED ASSESSMENT  
WRITING TEST BLUEPRINT**

| Grade   | Strand                                    | Performance Standard                           | Assessable<br>GRADE LEVEL<br>EXPECTATION<br>2005–2006 | Assessable<br>GRADE LEVEL<br>EXPECTATION<br>Beginning 2007 | Writing<br>Distribution of<br>Emphasis |
|---|---|--|---|--|--|
| <b>6</b>  | <b>Write Using a<br/>Variety of Forms</b> | 2.1<br>Writes Two Paragraphs on a Topic        | 2.1.1<br>2.1.4  | 2.1.1<br>2.1.4   | 39 - 47%                               |
|   |   | 2.2<br>Uses a Variety of Forms                 | 2.2.1<br>2.2.2  | 2.2.1<br>2.2.2   |  |
|   | <b>Structures and<br/>Conventions</b>     | 2.3<br>Use a Variety of<br>Sentences/Proofread | 2.3.1<br>2.3.2<br>2.3.3<br>2.3.4                      | 2.3.1<br>2.3.2<br>2.3.3<br>2.3.4                           | 27- 32%                                |
|   | <b>Revise</b>                             | 2.4<br>Revise Writing/Provide Peer<br>Feedback | 2.4.1   | 2.4.1  | 25 - 30%                               |
|   | <b>Cite Sources</b>                       | 2.5<br>Give Credit                             | NA  | NA   | 0%                                     |
|   | <b>Use Resources</b>                      | 2.6<br>Use Resources                           | NA  | NA   | 0%                                     |
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