

## Math Grade 3 Final

(Student name) scored at the *Advanced* level in Math. Students scoring at this level generally exhibit the ability to

- use mathematical reasoning to connect procedures and concepts among different areas of the content strands;
- communicate thoughts, procedures, and solutions using mathematical language and symbols in complex real-world problems;
- represent data in multiple formats;
- use models to discuss probability;
- apply strategies of measurement to solve real-world problems;
- apply concepts of geometry to solve real-world problems; and
- identify, extend, and explain complex patterns and relations including growing patterns.

(Student name) scored at the *Mastery* level in Math. Students scoring at this level generally exhibit the ability to

- use multiple strategies to solve real-life problems by using the four basic operations;
- select and use mathematical operations, words, and symbols to solve real-life problems;
- categorize and sort objects based on qualitative or quantitative characteristics;
- draw logical conclusions and make predictions based on representations of data;
- select and use appropriate tools and units of measure;
- compare and group two- and three-dimensional objects according to their attributes; and
- identify and extend patterns and relations.

(Student name) scored at the *Basic* level in Math. Students scoring at this level generally exhibit the ability to

- solve multi-step real-life problems by using the four basic operations;
- read mathematical words and symbols and understand their meanings;
- make basic interpretations of data represented in tables, graphs, maps, advertisements, etc.;
- demonstrate an understanding of basic probability concepts;
- use models to compare whole numbers, represent fractions, and conceptualize multiplication and division;
- measure objects using specified tools and units;
- express working knowledge and vocabulary of two- and three-dimensional geometric objects; and
- identify and extend patterns.

(Student name) scored at the *Approaching Basic* level in Math. Students scoring at this level generally exhibit the ability to

- use basic strategies to solve single-step problems involving addition and subtraction;
- recognize mathematical words and symbols;
- match one-parameter data sets to representations as tables and charts;
- identify measurement tools and units;
- recognize basic two-dimensional shapes; and
- identify and extend simple patterns.

(Student name) scored at the *Unsatisfactory* level in Math. Students scoring at this level have not demonstrated the fundamental knowledge and skills needed for the next level of schooling. Students scoring at this level need to develop the ability to

- use basic strategies to solve single-step problems involving addition and subtraction;
- recognize mathematical words and symbols;
- match one-parameter data sets to representations as tables and charts;
- identify measurement tools and units;
- recognize basic two-dimensional shapes; and
- identify and extend simple patterns.