

## MATH RUBRIC – SECOND GRADE

### 6 – EXCEPTIONAL

- **Complete** understanding of the problem
- **Demonstrates thinking** by using clear diagrams, charts, tables, or graphs, etc.
- **Excellent explanation**; communicates ideas clearly
- **Unusual insight** – Shows and explains problem in a non-traditional way
- Computation demonstrates **exceptional** use of multiple problem solving strategies and math language
- Includes **correct** solution

### 5 STRONG

- **Good** understanding of the problem
- **Might** show thinking with one of the following: diagram, table, chart, graph, etc.
- **Clear explanation**
- **May** show multiple strategies
- Computation demonstrates **good understanding** of the relationship between concrete models and abstract algorithms
- **Includes** correct answer

### 4 – CAPABLE

- **Understands** the problem
- Might use visual organization such as a picture, diagram, table, graph, etc., to help them solve and/or explain their answer
- Work is adequately organized and presented
- **Some explanation** of concept is understandable with **minor flaws** (A minor flaw is a simple student error that doesn't require reteaching)
- Computation demonstrates **understanding** of the relationship between concrete models and abstract algorithms
- May or may not include correct answer

### 3 – DEVELOPING

- **Some understanding** of the problem
- Might use visual organization such as a picture, diagram, table, graph etc., to help them solve and/or explain their answer
- May be **unable** to organize all the information. May or may not **finish**, or **leaves out** important parts of the solution
- **Explanation** has some confusion or is unclear; may or may not include written narrative
- Computation, if shown, demonstrates **some** understanding of the relationship between concrete models and abstract algorithms

### 2 – LIMITED

- **Minimal understanding** of the problem
- **Unable** to organize information to complete problem
- **Explanation** is **unfinished** and or **confusing**; may or may not include written narrative
- Computation, if shown, demonstrates **no** understanding of the relationship between concrete models and abstract algorithms

### 1 – EMERGENT

- May or may not **attempt**, **no understanding** of the problem
- **No solution**, conclusion
- No **organization of thoughts**, **unable to generate any strategies**
- Inappropriate **computation**

### 0 – NO RESPONSE/ INAPPROPRIATE RESPONSE

- No attempt
- Response does not fit the given task