

| <b>Courage to Soar</b>                 |              |                  |   |
|--|--------------|------------------|---|
| <b>2004 Mathematics</b>                |              |                  |   |
| <b>Performance Standards</b>           |              |                  |   |
| <b>Georgia Mathematics</b>             |              |                  |   |
| <b>Grade 3</b>                         |              |                  |   |
| <b>Activity/Lesson</b>                 | <b>State</b> | <b>Standards</b> |   |
| Soaring Higher                         | GA           | MA.3.M3N3.f      | Use mental math and estimation strategies to multiply.  |
| Soaring Higher                         | GA           | MA.3.M3N3.g      | Solve problems requiring multiplication.  |
| The Flight Timeline                    | GA           | MA.3.M3D1.a      | Solve problems by organizing and displaying data in charts, tables, and graphs.   |
| Flying a Styrofoam Plane               | GA           | MA.3.M3M2.b      | Measure to the nearest 1/4 inch, 1/2 inch and millimeter (mm) in addition to the previously learned inch, foot, yard, centimeter, and meter.      |
| Looking for Answers:A research project | GA           | MA.3.M3D1.a      | Solve problems by organizing and displaying data in charts, tables, and graphs.   |
| Controlling the Plane                  | GA           | MA.3.M3D1.b      | Construct and interpret line plot graphs, pictographs, Venn diagrams, and bar graphs using scale increments of 1, 2, 5, and 10.                   |
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| <b>2004 Mathematics</b>                |              |                  |   |
| <b>Performance Standards</b>           |              |                  |   |
| <b>Georgia Mathematics</b>             |              |                  |   |
| <b>Grade 4</b>                         |              |                  |   |
| <b>Activity/Lesson</b>                 | <b>State</b> | <b>Standards</b> |   |
| Soaring Higher                         | GA           | MA.4.M4D1.a      | Construct and interpret line graphs, line plot graphs, pictographs, Venn diagrams, and bar graphs.  |
| Controlling the Plane                  | GA           | MA.4.M4D1.a      | Construct and interpret line graphs, line plot graphs, pictographs, Venn diagrams, and bar graphs.  |
| Controlling the Plane                  | GA           | MA.4.M4D1.e      | Determine and justify the range, mode, and median of a set of data.   |
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| <b>2004 Mathematics</b>                |              |                  |   |
| <b>Performance Standards</b>           |              |                  |   |
| <b>Georgia Mathematics</b>             |              |                  |   |
| <b>Grade 5</b>                         |              |                  |   |
| <b>Activity/Lesson</b>                 | <b>State</b> | <b>Standards</b> |   |
| Soaring Higher                         | GA           | MA.5.M5N3.b      | Explain the process of multiplication and division, including situations in which the multiplier and divisor are both whole numbers and decimals. |
| Soaring Higher                         | GA           | MA.5.M5N3.d      | Understand the relationships and rules for multiplication and division of whole numbers also apply to decimals.                                   |

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| The Flight Timeline                    | GA | MA.5.M5D2   | Students will collect, organize, and display data using the most appropriate graph. |
| Looking for Answers:A research project | GA | MA.5.M5D2   | Students will collect, organize, and display data using the most appropriate graph. |
| Controlling the Plane                  | GA | MA.5.M5D1.c | Determine and justify the mean, range, mode, and median of a set of data.           |