

Math:



## **Are We Almost There?**

**Primary Audience: Grades 3-5**

### **Description:**

Grade 3 – Geometry and spatial sense standard

Find and name locations on a labeled grid or coordinate system; e.g., a map

Grade 4 – Measurement

Make simple unit conversions within a measurement system; e.g., inches to feet, kilograms to grams, quarts to gallons.

**Keywords: Map, Coordinate, Grid, Conversion**

### **Concepts:**

- Spatial Sense
- Unit Conversion
- Measurement

### **Materials:**

- Unit conversion tool
- Map of trip (must have a coordinate grid and mileage)
- Pencil
- Paper

### **Instructions:**

- Give your child a map with the start and end points of your trip labeled.
- Have them find the coordinates of the start and end points.
- Using the mileage points, have them calculate the distance you will be driving.
- Using the legend, have them calculate the distance between the points "as a bird flies."
- Have the child calculate the difference between actual distance and driving distance. Ask them why they think there's a difference.

Using the mileage, have them figure out how many feet and Inches you will be traveling

### **Possible Interactive Questions:**

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Math:

**What's Going On?**

**Further Exploration:**

1.

**Relevant Ohio Science Content Standards:**