

# Traveling with Angles

## Summary

Students will be able to follow directions for a map and identify angles created for the path they take.

## Main Core Tie

Mathematics Grade 4

[Strand: MEASUREMENT AND DATA \(4.MD\) Standard 4.MD.5](#)

## Time Frame

1 class periods of 60 minutes each

## Group Size

Pairs

## Materials

Traveling with Angles worksheet, Math journal, pencil, map with compass rose, task sheet, colored pencils, protractor, and a variety of manipulatives for student choices, etc.

## Background for Teachers

This is an introductory lesson to the following: points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines.

## Student Prior Knowledge

In third grade students identified quadrilaterals by their attributes which was limited to four sides, four angles, and four corners.

## Intended Learning Outcomes

Math Practices 1, 2, 3, 4, 5, and 6 will likely be used.

## Instructional Procedures

See attachment

## Extensions

Draw and label where the following locations are on your map below: Library, Park, Grocery Store, and School.

Create your own story of Jon and Cora's day. They must go to at least two of the locations you added on your map. Use a marker to draw and label each of their paths to meet at those locations. Use a different colored marker for the different paths they take.

Choose some of the angles you used today and measure them with a protractor.

## Authors

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