

Driving Safely
Math Lab
Grade 4

Standard: MAFS.4.G.1 Draw and identify lines and angles, and classify shapes by properties of their lines and angles.

Cluster 1 **MAFS.4.MD.1**: Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.

Cluster 2 **MAFS.4.MD.2**: Represent and interpret data.

Cluster 3 **MAFS.4.MD.3**: Geometric measurement: understand concepts of angle and measure angles.

Objective: Students will work in cooperative groups moving from center to center while filling in their lab sheet. They will demonstrate their knowledge of perimeter, area, rounding, measuring, and identifying angles.

Materials Needed:

BE AWARE OF BLIND SPOTS POSTER (one each for the first 4 stations)

[Share the Road instructional video](#) for station 5

Student Lab Sheet to record their answers

Scratch paper

Ruler

Pencil

***Note: contact the Florida Trucking Association at (850) 222-9900 for some of these materials for free!*

Station 1:

20 Ft:

What is the shape

Use the ruler and measure the picture. what is the area of the actual picture?

What types of angles are in this shape?

Station 2:

2 Lanes:

What is the shape

Use the ruler and measure the picture. What is the perimeter?

What types of angles are in this shape?

Station 3:

30 foot:

What is the shape

What types of angles are in this shape?

Use the ruler and measure the picture.

What is the difference in area from station 1

Station 4

1 lane:

What is the shape

What types of angles are in this shape?

Use a ruler and measure the picture.
What is the difference in the perimeter from 2 lanes

Station 5 Watch the video: [Share the Road Safely](#)
Write down 3 reflections from the video

Wrap- Up:

Based on your data collection and by watching the video. What is something that you can tell your parents or guardians about driving around big trucks on the highway.

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