## Overview

Students will find a real-world image on the Internet then use Microsoft Word to identify and draw angles (acute, obtuse, and right), parallel and perpendicular lines, rectangles, triangles, and circles. The students will use this image and to create a glog to present information about angles, lines, and shapes. The students will be evaluated based on their presentation and the content in their glog.

## Objective

- Students will be able to correctly identify the three types of angles (acute, obtuse, and right), parallel and perpendicular lines, as well as rectangles, triangles, and circles given a real-world image with 100% accuracy.
- Students will successfully create a glog using [www.edu.glogster.com](http://www.edu.glogster.com) to create an online poster so they can demonstrate their knowledge of the material.

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1 Adapted from [http://kerwin.edu.glogster.com/whats-your-angle/](http://kerwin.edu.glogster.com/whats-your-angle/)
Standards

<table>
<thead>
<tr>
<th>Students identify, describe, and classify the properties of plane and solid geometric shapes and the relationships between them.</th>
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<tbody>
<tr>
<td><strong>5.4.1</strong> Measure, identify, and draw angles, perpendicular and parallel lines, rectangles, triangles, and circles (Core Standard)</td>
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Materials

- Computer with
  - Internet Access
  - Microsoft Word
- Access to Glogster EDU [www.edu.glogster.com](http://www.edu.glogster.com)
- Projector for presentation day
- Screen for presentation day
- Computer with internet access for presentation day

Procedure

1. The teacher will present material on angles, lines, and shapes. (This project can be done as an end-of-the-year project)
2. Students will be asked to find a real-life image on the internet that has angles, lines, and shapes (such as a baseball field, a building, etc.). Students will need to be able to identify at least 3 in their picture.
3. Once students find a picture, they will need to save it to their desktop.
4. Using Microsoft Word, students will open their picture and identify at least one angle, one shape, and one type of line using the tools in Microsoft Word. (see [http://kerwin.edu.glogster.com/whats-your-angle/](http://kerwin.edu.glogster.com/whats-your-angle/) for an example of the labeled image).

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5. The next class, the teacher will spend approximately 20 minutes demonstrating how to create an online poster using Glogster EDU.
6. Students will spend the next few classes creating a glog that incorporates their labeled image as well as information about their labeled angles, lines, and shapes.
7. Students will present their glogs to the class and submit them for teacher evaluation.

<table>
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<tr>
<th>Evaluation</th>
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<td>Students will be graded on their presentation of the glog to the class. Students must incorporate at least one shape, one line, and one angle into their presentations as well as an explanation for each shape, line, and angle. The teacher will evaluate each presentation and glog for correct identification of each element.</td>
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