

Angles All Around Us

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WebQuest Description: This webquest is to help children learn more about angles and be able to identify them in the real world.

Grade Level: 3-5

Curriculum: Math

Keywords: Angles

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Introduction

You should already know a lot about angles. You know a right angle measures exactly 90 degrees and looks like the letter "L". An acute angle is a smaller angle that measures less than 90 degrees and obtuse angles measure more than 90 degrees. In this webquest, you will explore images from around the world and find angles in these pictures!

Tasks

Find angles inside and outside of your house! Today's task is to demonstrate your knowledge of right, acute, and obtuse angles by finding examples in the outside world. You will need to look at websites I have provided and find, in those pictures, things that look like angles and be able to identify what kind it is.

Process

With your table mates explore the websites at the bottom of this page under "Resources". While looking at these websites, find real pictures with examples of angles in them. Once you find pictures with 2 of each type of angle raise your hands and I will come around to your table and make sure that all of your pictures are angles and you have named them correctly.

Evaluation

Please answer these questions to show what you've learned about angles. Each question is worth 2 points.

1. What type of angle is GREATER than 90 degrees? _____
2. What type of angle is EXACTLY 90 degrees? _____
3. What kind of angles make a door frame? _____
4. What kind of angle does a seesaw make with the ground? _____
5. What kind of angle is made when your book is open wide? _____

For grading, you will be scored on the number and accuracy of angles you find in images and the quiz above.

Unsatisfactory: Did not find all of the different types of angles and naming of angles was inaccurate
Satisfactory: Found some but not all of the different types of angles and naming was correct for most
Excellent: Found 2 of each of the different types of angles and named them all correctly

Category and Score	Poor	Satisfactory	Very Good	Excellent	Score
Examples of images for two right angles	0	1	3	4	4
				Total Score	

Conclusion

This webquest was to help you associate different types of angles with things in the real world. After doing this activity you should have a good idea of how to identify angles all around you. Looking around you right now, what type of angle do you see the most?

Teacher Page

This webquest is open for any teachers to use in their classroom to teach students about angles and identifying them in the real world. You can find many examples of images by using Flickr. Thank you for visiting this webquest!

Reviews

Footer

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