

Quadrilateral Teacher

Standards

Content

Students will be able to...

- Apply mathematical knowledge to real world situations
- Create models of geometrical concepts
- Analyze relationships among quadrilaterals

Process

Students will be able to...

- Demonstrate effective presentation skills

Task Description and Criteria

Each of you has been issued a card with one type of quadrilateral on it. You are responsible for learning about your quadrilateral and then being the “teacher.” Yes, that’s right! You will teach the class about the quadrilateral you have selected. The goal is to get everyone in class to know what your quadrilateral and its properties are, and be able to recognize what one looks like.

To learn about your quadrilateral you can use your textbook and the internet. When you present your quadrilateral to the class, you must include:

- The quadrilateral’s name
- The quadrilateral’s definition
- The quadrilateral’s properties
- A labeled diagram of the quadrilateral
- 2 real world examples of the quadrilateral

The way you choose to present your quadrilateral is up to you. You might choose to lecture, make a power point presentation, make a poster, writing a song, putting on a play, etc. Be creative and have fun with it!

Your grade will be based on the following criteria:

- ❖ Name of quadrilateral must be displayed
- ❖ Definition of the quadrilateral must be stated
- ❖ Properties must be listed and accurate
- ❖ Diagram must be provided and labeled correctly
- ❖ 4 real world examples of quadrilateral must be included
- ❖ Presentation must be educational and accurate
- ❖ Verbal clarity and organization of presentation must be very good
- ❖ You must be creative and enthusiastic during entire presentation

Rubric

	<u>Yes (5 points)</u>	<u>No (0 points)</u>
Name of quadrilateral displayed	Yes	No
Definition Stated	Yes	No
Properties listed and accurate	Yes	No
Diagram provided and labeled correctly	Yes	No
4 real world images included	Yes	No

Presentation	<u>High</u>				<u>Low</u>
Educational and Accurate	5	4	3	2	1
Verbal Clarity and Organization	5	4	3	2	1
Creative and Enthusiastic	5	4	3	2	1

Total: / 40 points