

Math 6 - Units 5: Geometry

Visual Dictionary Project

Name: _____

Class Period: 1 2 3 4 Date: _____

Group Members: _____

Project Plan: _____

Your Task

Learning the vocabulary terms for our Geometry unit can be very challenging as some of the terms are hard to define in words. In addition, we are a part of a school population that includes many students who do not speak English as their first language. You are tasked with taking the 30 vocabulary terms for Unit 5 and creating a VISUAL DICTIONARY. Your VISUAL DICTIONARY must not rely on words to define the terms. It must, instead, rely on a visual representation of each term that can easily convey the meaning.

There are two components to the task that you must complete to receive full credit:

- Complete VISUAL DICTIONARY **(80 Points)**
 - All 30 vocabulary terms are represented
 - Participants may use any of the following formats to create the VISUAL DICTIONARY (other options may be used, the following is a list of suggestions)
 - Video (FlipGrid, etc.)
 - Powerpoint or other Digital Presentation Format
 - Illustrations (digital or hand-drawn and scanned to upload)
 - 3D Models (digital, computer generated)
 - Social Media Awareness Campaign
 - Play
- Peer Reviews of 2 Other Projects **(20 points)**
 - Check to ensure all 30 terms are included
 - Check to ensure understanding of all 30 terms based on the VISUAL DICTIONARY "definition"
 - Includes **one** praise of the work presented
 - Includes **one** suggestion for improvement
 - Must be appropriately critical and kind

Requirements

- All team members must actively contribute to the project.
- Team members must be respectful and kind to their fellow teammates and let everyone have a say in the outcome of the project.
- Each person in the group must turn in a peer review and this document.
- Each team will submit **one** VISUAL DICTIONARY

Timeline:

<u>Date</u>	<u>Due</u>	<u>Check</u>
Tuesday 1/31/23	Project is assigned and groups begin working on their concept. Work on completing the VISUAL DICTIONARIES will begin.	
Wednesday 2/1/23	Creation of the VISUAL DICTIONARY Continues	
Friday 2/3/23	Last day to work on projects in class.	
Friday 2/10/23	VISUAL DICTIONARY and this sheet DUE . Digital projects must be submitted through CTLS.	
Tuesday 2/14/23	Peer Review will be completed and turned in.	

Grading Rubric

VISUAL DICTIONARY	Category	Distinguished 20 pts.	Proficient 17 pts.	Apprentice 14 pts.	Novice 10 pts.
	30 Vocabulary Terms Included	Your VISUAL DICTIONARY includes all 30 terms.	Your VISUAL DICTIONARY includes at least 22 terms.	Your VISUAL DICTIONARY includes at least 15 terms.	Your VISUAL DICTIONARY contains 10 or less terms.
	Definitions were VISUAL	All 30 Terms were presented in a visual format that did not rely on words to define the terms.	At least 22 Terms were presented in a visual format that did not rely on words to define the terms.	At least 15 Terms were presented in a visual format that did not rely on words to define the terms.	Less than 10 Terms were presented in a visual format that did not rely on words to define the terms.
	Presentation	The project was presented in a neat and organized manner and meanings of the terms were easy to understand.	The project was presented in a neat and organized manner and most of the meanings of the terms were easy to understand.	The project was presented in a less than neat and organized manner and meanings of most of the terms were easy to understand.	The project was NOT presented in a neat and organized manner and meanings of the terms were NOT easy to understand.
	Participation	You played an active role in the group and fully participated in the creation of the project.	You played an active role in the group and mostly participated in the creation of the project.	You helped your group, but did not take an active role or participate fully in the creation of the project.	You did not play an active role in the group and you did not fully participate in the creation of the project.

PEER REVIEW	Category	Distinguished (5 pts)	Novice (3 pts.)
	30 Terms were accounted for.	All 30 Terms were accounted for.	NOT all Terms were accounted for.
	Check for Understanding	All 30 terms were evaluated for understanding.	NOT all 30 terms were evaluated for understanding.
	Positive Feedback	You included <u>one</u> piece of positive feedback.	You DID NOT included <u>one</u> piece of positive feedback.
Constructive Feedback	You included <u>one</u> piece of constructive feedback.	You DID NOT included <u>one</u> piece of constructive feedback.	

Self-Evaluation (STUDENT COMPLETES)

- My project was completed and submitted through CTLS on time.
- I actively participated in the creation of the project and respectfully worked with my fellow group members.

My contributions: _____

Areas I could have done a better job: _____

Math concepts that I understand better now than before the project: _____

Grading (STUDENT COMPLETES): Use the rubric to grade your own project based on the rubric on the front of this sheet of paper.

My Group's VISUAL DICTIONARY				
30 Vocab Terms Included	Definitions were VISUAL	Presentation: Project was Neat and Well Designed for Understanding	Participated in All Aspects of Project	TOTAL
				/80

Grading (TEACHER COMPLETES)

VISUAL DICTIONARY				
30 Vocab Terms Included	Definitions were VISUAL	Presentation: Project was Neat and Well Designed for Understanding	Participated in All Aspects of Project	TOTAL
				/80
PEER REVIEW				
All 30 Terms Accounted For	Understanding Check	Positive Comment Made	Improvement Comment Made	
				/20
FINAL GRADE				
			TOTAL	/100

Peer Review #1

Whose project did you review?: _____

All 30 Terms were included in the project.

Terms that were left out: _____

All 30 Terms were defined well and the meanings were easy to understand.

Terms whose meanings were hard to understand: _____

List one thing that you thought was really well done: _____

List one thing that you thought could have been improved upon and how: _____

Peer Review #2

Whose project did you review?: _____

All 30 Terms were included in the project.

Terms that were left out: _____

All 30 Terms were defined well and the meanings were easy to understand.

Terms whose meanings were hard to understand: _____

List one thing that you thought was really well done: _____

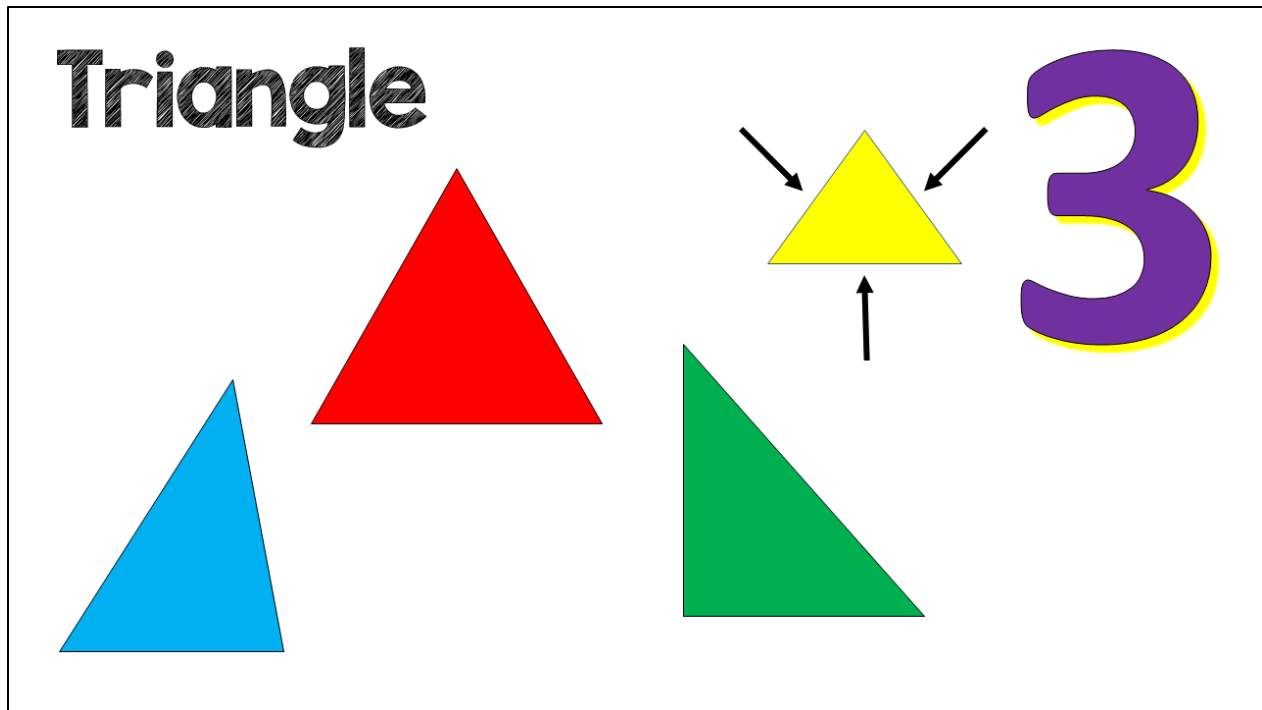
List one thing that you thought could have been improved upon and how: _____

Vocabulary Terms

1) Area
2) Base (of a triangle)
3) Base (of a 3D figure)
4) Congruent
5) Cubic Units
6) Edge
7) Equilateral Triangle
8) Face
9) Isosceles Triangle
10) Lateral Faces
11) Net
12) Parallel
13) Parallelogram
14) Perpendicular
15) Polygon
16) Regular Polygon
17) Polyhedron
18) Prism
19) Pyramid
20) Quadrilateral
21) Rectangle
22) Rectangular Prism
23) Rhombus
24) Right Triangle
25) Scalene Triangle
26) Square
27) Surface Area
28) Trapezoid
29) Vertex (vertices)
30) Volume

Examples

PowerPoint Slide:



YouTube Video: [CLICK HERE](#)

Watch without sound and you should still be able to understand what a triangle is.

Image Created for Online:

