A: Students take photos of themselves (selfies) with naturally occurring geometric figures to illustrate an understanding of the Geometry concepts and to apply their understanding to the real world.

**Q: Which geometry figures do I choose and how many**?

A: Students must choose from the following list of terms. The final product should include \_\_10\_ terms.

**Q: Do I have to be in the photos?**

A: Yes! By taking a selfie, it is proof that the student actually found the geometric shape and did not pull it from the internet.

**Q: Can I draw the geometric figure on paper and take a picture with it?**

A: No, the goal is to discover how geometry is found in everyday, real world things. While the student should not manufacture figures for a picture, students do not have to find things that only occur naturally or can be found in nature. There are a lot of examples of geometry in man-made objects and buildings. Take a look at architecture, construction sites, artwork, flags, quilts, etc.

**Q: Can I do more than one term in one photo?**

A: Yes, but there are limitations. Each term should be used in a unique example, but they may be together in one photo. One example may not be used for multiple terms.

**Q: How should I present my photos?**

A: Each selfie needs a caption that uses the term in such a way that demonstrates the student understands the meaning of the term. Students insert them digitally into a PowerPoint. Students should be creative and have fun!

**Q: Can I post them on social media? Is there a hashtag we should use?**

A: Yes! Please do! Post your Selfieometry pictures and use the hashtag \_\_\_\_\_\_#WSHSPRUIETTSELFIEOMETRY2020\_\_\_\_\_\_\_\_\_\_\_ so that I can see! This does not replace what you turn in though. (You can post them as a collage, so your followers don’t get sick of your over-posting!) This is totally optional and will be extra credit.

**Q: Can I use photo details and text to mark the geometric figures?**

A: Sure! Things like that will help demonstrate understanding of the term.

**Q: When is the project due?**

A: Nov 4, 2020

**Q: Will we present to the class?**

A: No, we will not however we will share them via the post and everyone will have to comment on the ppt.

**Choose \_10\_ terms from the list below:**

parallel lines

transversal

perpendicular lines

alternate interior angles

vertical angles

alternate exterior angles

adjacent angles

corresponding angles

complementary angles

same side interior angles

supplementary angles

linear pair

congruent

vertex

regular polygon

parallelogram

acute angle

convex polygon

rectangle

perpendicular bisector

ray

right angle

rhombus

collinear

obtuse angle

kite

trapezoid

parallel lines

midpoint

angle bisector

bisect

polygon

quadrilateral

interior angle

exterior angle

hypotenuse

equidistant

straight angle

concave polygon

square

line segment

circle

radius

diameter

circumference

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- |
|  | Excellent (4) | Good (3) | Fair (2) | Poor (1) | Does not meet minimum requirement (0) |
| Demonstrates Understanding | accurately matched all terms to examples in photos | accurately matched most terms to examples in photos | accurately matched about half of terms to examples in photos | accurately matched few terms to examples in photos | accurately matched no terms to examples in photos |
| Followed Directions | followed all directions | followed directions on most of project | followed directions on half of project | followed some directions | followed no directions |
| Caption | accurately and creatively describes term, shows full under-standing | accurately and creatively describes most terms, shows some under-standing | accurately describe some terms, shows some under-standing | captions show little under-standing | incorrect or no captions |
| Photos | 10 | 9-8 | 7-5 | 4-3 | 0-2 |
| Score: |  |  |  |  |  |

Notes: