

Essays park

Design



1. This assessment can be used as a formal (summative) assessment by assigning the student a grade based on his or her understanding of properties of parallel lines. This assessment would be given to the student at the end of a period of instruction on the properties of parallel lines.

The student would then create this project to demonstrate his or her knowledge of lines and their formulas, and the teacher would then assess whether or not the student has mastered the Oklahoma Academic Standard. This assessment can be used as a cognitive assessment to demonstrate if the student knows how to label different slopes, as well as identify what different topological formulas would be used for a particular polyhedron. This assessment can be used as an authentic assessment in the way that it requires students to develop their own equations based on the y-intercept they decide to use. Not all lines in the real world will have the same intercept, but will have the same slope.

This project allows students to apply what they have learned to multiple ideas regarding linear equations, and to develop their creative capacities by allowing them to design the equation however they want.