





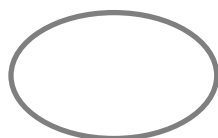
The Invisible Radar Triangle Scale Model Rubric

Group name:

Names of students in group:

Category	4	3	2	1
Overall Neatness and Attractiveness 	Exceptionally well designed, neat and attractive. Colors that go well together are make the model more attractive.	Neat and relatively attractive.	Triangle sides are neatly drawn, but the model appears quite plain.	Appears messy, sloppy and "thrown together" in a hurry.
Accuracy of Dimensions 	All dimensions used are correct. A scale was used correctly to calculate new dimensions.	Most of the dimensions used are correct. A scale was used to calculate new dimensions, but a few mistakes were made	Some of the dimensions used are correct. A scale was used to calculate new dimensions, but some calculation errors were made.	All dimensions are incorrect.
User of Sensor 	Sensor was used correctly to measure distance between the airplane and the radar. Correctly calculated the distance using the voltage reading from multimeter.	Sensor was used correctly to measure distance between the airplane and the radar. Correctly calculates the distance using the voltage reading from multimeter with some guidance from the teacher.	Sensor was used correctly to measure distance between the airplane and the radar. Correctly calculates the distance using the voltage reading from multimeter with guidance from the teacher.	Sensor was not used correctly to measure distance between the airplane and the radar.
Presentation Content 	Students used the correct math terminology to explain their answers and provide evidence of understanding.	Students used correct math terminology to explain their answers.	Students explained their answers using a few math terms to support their findings.	Students did not use math terminology to explain their answers.

Total score:



Notes: