

3D Train Drawing Grading Rubric

Assignment:

Students are to use Inventor to create a drawing file poster for the 3D train. The poster is intended to be an instruction manual of how to create and assemble all of the train parts.

Requirements/Restrictions:

- All 10 train parts
 - At least 1 Primary View
 - Isometric View Shaded
 - Fully Dimensioned
 - Labeled
 - In Order
- Assembly Isometric
- Exploded View Isometric
- D size sheet
- Proper Scale
 - Parts = $\frac{1}{2}$
 - Assembly + Exploded Views = 1:1



Grading:

Expectations	Points Possible	Points Earned
All Train Parts	30	
Dimensions	15	
Assembly	10	
Exploded View	20	
Total:	75	