

3D Render Replication

Name: _____

Date: _____

Project Name: _____

Hour: _____

Objective

Students will develop a 3D render of a replicated mechanical component or part they researched from the Internet.

Constraints

- Print out replicated picture from the Internet for review
- Must be mechanical in nature (no architectural components)
- Must have a minimum of 25 parts
 - Note: duplicated parts count as one part
- Print drawings (instructor will guide you in this process at the end of the assignment)

Restricted Design

- Cell Phones - any type i.e.: Smartphone or flip phone etc.
- Xbox, Play Station or any hand-held electronic game(s)
- Computers - desktops or laptop etc.
- iPads or Notebooks etc.....
- See Instructor for approval prior to start of project

Points

- Project Accuracy **(100 pts)** _____
- Project Likeness or Resemblance **(50 pts)** _____
- Presentation Drawing **(25 pts)** _____
- Presentation Close-Up **(25 pts)** _____
- Render w/Background **(25 pts)** _____
- Render w/Scene **(25 pts)** _____
- Illustration Drawing **(25 pts)** _____
- Inventor ISO **(25 pts)** _____
- Total Points **(300 pts)** _____
- Letter Grade _____