

For this project, students created a series of fantastical machines based upon direct observational studies of simple forms (cubes, cylinders, spheres, pyramids and cones). Each form was then embellished to become a machine with a specific function. These machines were then placed within an appropriate setting, with the option of utilizing web-based imagery as a visual resource. Finally, each student was asked to write a lyrical description of the machine and its function.

- Students will organize the compositional relationship of objects to each other within the picture plane.
- Students will integrate presentation and craftsmanship into the concept of the drawing.
- Students will use research (i.e., sketchbooks, quick studies, digital resources) to incorporate process in their drawings.

Mean Machine Rubric

Criteria		4 Thorough understanding	3 Good understanding	2 Satisfactory	1 Needs improvement	Total Points 36 possible points	Scoring guide
Elements of design	Image is within a border						60-100%
	student used guidelines to put words in						59-98%
	student used simple forms to create a machine with a specific function						58-97%
	SPACE : machine was placed within an environment reflecting machine						57-95%
	student wrote a lyrical description of machine and its function						56-93%
	student used shading to create form showing 7 different values						55-92%
							54-90%
							53-88%
Scheme	The entire project was done in pencil						%
Craftsmanship	Project is free from mistakes. I.e. , crinkled paper, smeared pigment,						52-86%
							51-85%
							50-83%
							49-81%
							%

							48-80 % 47-78 % 46-76 % 45-75 % 44-73 % 43-71 %
--	--	--	--	--	--	--	--

Write 3 sentences of what you have learned from this project, 3 complete sentences of how you can improve your design?