

Name: _____

Unit 1 Summative Rubric

Criteria	1	2	3	4
Safety	Mentions 0-1 safety practices	Mentions 2-6 safety practices or demonstrates a poor understanding of them	Thoroughly explains safety needed in the classroom	Thoroughly explains safety needed in the classroom and demonstrates a working knowledge
Engineering Design Process	The EDP is only mentioned briefly	Steps to the EDP are included	Steps to the EDP are included and explained	Steps to multiple EDP are included and explained
Engineering Careers	No specific engineering careers are mentioned	Several Engineering careers are mentioned but not explained	3-5 engineering careers are mentioned and explained	6+ wide-ranging engineering careers are thoroughly explained
Universal Systems Model	A poor understanding of the USM is shown and little evidence is present	Notes on the USM are present, including a graphic and explanation of input, process, feedback & process, but a misunderstanding is present	Notes meeting level 2 are present and an understanding of the USM is demonstrated	Criteria of level 3 are met and evidence showing comparisons & differences between the USM & EDP are shown
Sketching & Design	No or few sketches are present	Sketches of 3D object(s) are present	Sketches of multiple 3D objects with perspective are present	Sketches of multiple 3D objects with perspective are present as well as explanations of steps or of the importance of sketching

5 bonus points on the final grade (out of 100) are available for notes, projects or other summative work which goes above and beyond the criteria of this rubric

Score: ____/20