

Team Name: _____

eCYBERMISSION Grading Rubric – Build Model or Prototype

Criteria	Point Scale	Comments	Score
Appropriate use of materials and technology as part of the design	0-5: Does not state (0), or answers but not appropriate materials for design (5) 6-11: Lists materials, but the materials are vague, many missing, some not appropriate 12-18: Lists specific materials and equipment, some missing or some not appropriate 19-25: Lists specific materials, equipment, and technologies that are appropriate for design, one or two missing 26-30: Lists all specific materials, equipment and technologies that are appropriate for design		
The prototype(s) or model(s) is (are) built sufficiently and is (are) a valid test of the design statement.	0-10: No design steps listed (0), or up to 10 points for listing something (no details or is not a valid test of the design statement) 11-20: Not a valid test of the design statement, describes steps to design the model(s) or prototypes, lacks detail, missing many steps 21-30: A valid test of the design statement, lists steps, some steps missing and/or detail missing 31-40: A valid test of the design statement, minor steps or details missing 41-50: A valid test of the design statement and can be replicated by anyone		
Use of an original, resourceful and novel approach to engineering design	0-5: Does not state (0), answers but not original, resourceful or novel (5) 6-9: Design is either original, resourceful or novel (only one) 10-13: Design is either original, resourceful or novel (only one but is very detailed) 14-16: Design is either original, resourceful or novel (only two) 17-20: Design is either original, resourceful and novel (all three)		
Appropriate use engineering terminology	0-3: Does not use at all (0) or very minimal (3) 4-5: Use of engineering terminology is limited 6-7: Uses some appropriate terminology, some inaccurate 8-9: Uses appropriate terminology throughout 10: Uses appropriate terminology throughout, uses significant digits		

Proper use of grammar, spelling, and punctuation	0-3: 11 or more errors in document 4-5: Correct grammar, spelling, and punctuation throughout (9-10 errors) 6-7: Correct grammar, spelling, and punctuation throughout (5-8 errors) 8-9: Correct grammar, spelling, and punctuation throughout (1-4 minor errors) 10: Correct grammar, spelling, and punctuation throughout (no errors)		
Total	Max Points = 120		