

Standard: ETSI-1 Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.

Score	Evidence
4	Score 4 <i>In addition to score 3.0, students will...</i> ☐ Create a successful mission to another planet given that planet's unique atmosphere and distance from the Earth.
3 Target Content	Score 3 <i>Students will...</i> ☐ Use the engineering design process to create an airplane that lands on a target ☐ Create and test a water filtration system ☐ Create a successful Mission to Mars
2	Score 2 <i>Students will...</i> ☐ Create an airplane that flies improperly ☐ Draw a filtration system ☐ Verbally detail a successful mission to Mars
1	Score 1 <i>Students will...</i> ☐ Sketch an airplane ☐ Verbally choose materials to create a water filtration system ☐ Verbally outline a successful mission to Mars