

MFG DAY Sustainability Challenge COMPETITION SCORING RUBRIC

Student Name: _____ Date: _____ SDG: _____

MFG DAY Sustainability Challenge Judging Criterion: Does the student effectively demonstrate an entrepreneurial, sustainable solution to the manufacturing sustainability challenge presented by their Sustainable Development Goal?

Please assess the student's effectiveness on a scale of 1-5 stars for each category with 1 star being "insufficient" and 5 stars being "excellent."

Defining the Problem	Stars (1-5)	Each Star is Worth:	Points Possible:
Did the student clearly define a problem based on their research of the manufacturer and SDG? <i>• Does the student demonstrate they conducted thorough research on the manufacturer and SDG and understand the root of the problems relating to it?</i> <i>• Is there a clear and relevant problem statement presented?</i>		4 points	20
Entrepreneurial Leadership, Business, and Innovation Is the student's approach to solving the problem entrepreneurial in nature? <i>• Has a business mindset been applied to the solution(s), process, content, and delivery? Is entrepreneurship a clear method they are using to solve a problem?</i> <i>• Does the student use a sustainable business model that will sustain or improve revenue and income?</i>		5 points	25
Positive Impact Does the student demonstrate a solution that could theoretically produce long-term, measurable outcomes to the challenge and achieve the SDG? <i>• An <u>output</u> is the direct product of inputs and activities and is generally measured in terms of volume of work;</i> <i>• Whereas an <u>outcome</u> is the benefit or change for an individual or population after participating in the activity and as a result of the output.</i>		6 points	30
Sustainability Is the student focused on long-term sustainability? <i>• What are the student's long-term goals for the solution? How will they ensure it continues to generate impact after the solution is theoretically implemented?</i>		7 points	35
Does the student demonstrate the solution is designed to be scalable? <i>• Scalability refers to the ability of the solution and its impact to grow and be replicated in additional communities and with additional or new beneficiaries.</i>		3 points	15
Presentation Did the student effectively communicate how well their solution meets the components of the criterion? Did the student clearly present their plan within the 3-minute audio/visual format? Was the presentation professional and well organized?		2 points	10
Total Points		X	out of 135

Please Use Back Side to Provide Feedback

Please provide feedback to the student that will assist them in improving their solution, processes, and results.

Project Name: _____

Valuable insights or suggestions related to the student's project plan:

Constructive feedback on the team's presentation and ability to communicate results: