

BISDENGINEERS Division Guidelines

Project Parameters:

- **TOPIC:** The project should be connected to one of the Sustainable Development Goals (SDG). It can provide a solution or bring awareness to the selected SDG.
- **PLATFORM:** Students may use any medium to showcase their engineered project.
- **FUNCTIONALITY:** The model and/or prototype must have some degree of functionality to be competitive.
- **PRODUCT**: The product must be created or developed to be competitive.
- **CONTENT SUITABILITY:** Projects that demonstrate a lack of respect for public morals or conduct, adversely affect the reputation of Bastrop ISD, or depict hatred, defame, or threaten a specific community in the society or incite violence activity are prohibited. The project must not violate the Intellectual Property, common law or privacy rights of other parties.
- **ORIGINALITY:** The project must not copy or duplicate any other party that has any rights or interest, whether known or unknown. However, a project can extend upon previous ideas or designs within means.

Required with Submission/Presentation:

- Name of each participant
- Name of Project
- Explanation of the Project (Clear & concise)
- Explanation of Target Audience - *Who is the project intended for?*
- Tools and resources used to create the project
- Show the project

Awards will be judged based on the following criteria:

- Quality of the idea (including creativity and originality)
- Implementation of the idea (including user experience and design)
- Demonstrated excellence of coding and programming skills.

PRIZES:

1. The top three winning projects will be featured on the STEAMFest Website
2. The winners of this category will be highlighted by Bastrop ISD and will receive a prize.
3. Awards will be distributed to all participants.



BISDENGINEERS Division Rubric

Campus:	
Student Name(s):	
Project Description / Presentation Topic:	
SDG:	

BISDENGINEERS Division (40 points)	**Points 1-5**	**Notes/ Comments**
Well developed and strong connection to the selected SDG		
Explanation of the Project was clear and concise		
Design is well organized		
Contributes to novel solution, practice or an innovative product		
Ability to explain the design choice		
Model and/or prototype is organized in clear and coherent way		
Presentation can be followed easily		
Ability to articulate navigation of the design		
Total Score		

Additional Notes:

STEAM FEST

