INTRODUCTION:
For STEM career-path students, presentations are certain to be a part of their futures. Poster sessions, one type of presentation, are currently being used in professional/academic conferences as a way to engage colleagues in conversation. Poster sessions provide a concise and effective means for presenters to think visually and to express a creative flare.

PROJECT OVERVIEW:
Students will work in groups of 4 to create a trifold poster that will express a possible solution to a United Nations Sustainable Development Goal (UN SDG). Each group’s poster will address the components described below. A group’s final poster will be due after lunch on Friday, July 27th. Each group will have scheduled time each day to work on their poster and time at the end of each day for group members to reflect on what they have learned. Members of each group will have the opportunity to interact with the audience during the open house portion of the afternoon. Invited guests will move among the different posters to talk with and ask questions of group members.

NOTE: Groups will consist of 4 partners who are interested in exploring the same UN SDG. To identify the potential group to join, each student should reflect on their UN SDG of interest or the Interest Inventory Activity. Below is an example of how you can organize your poster content. In this example, the poster flaps have been used to present information from Component 7.

POSTER PROJECT COMPONENTS:
Component 1. List one target from your group’s UN SDG.
Component 2. Organizations addressing the issue.
   a. Identify, when possible, 1-2 organizations that are addressing the issue within the state of Florida. Otherwise, identify such organizations outside of Florida. These can include non-profit, government agency, social enterprise, or military command that are working on the problem.
   b. Choose one organization to investigate further. List 1-2 solutions this organization is implementing or promoting to address the UN SDG 2030 target.
Component 3. Analyze: What further steps could this organization take to help reach the UN SDG 2030 target you’ve identified?
   a. Select one that could help achieve the specific UN SDG 2030 target.

Component 4. Affected stakeholders
   a. Identify 2-3 stakeholders that would be affected by your proposal. (Keep in mind, that affected stakeholders can include people from different social, economic, cultural, or demographic areas.)

Component 5. Tradeoffs and Affected Stakeholders
   a. Which stakeholders will benefit? How?
   b. Which stakeholders will sacrifice? How?

Component 6. Scalability
   a. Is this solution scalable or is it community specific? Why?

Component 7. Analysis through STEM lenses. Let’s explore your proposal further:
   Science
      a. How is your proposal relevant to science?
   Technology
      a. How is your proposal relevant to technology?
   Engineering
      b. How is your proposal relevant to engineering?
   Mathematics
      a. How is your proposal relevant to mathematics?

Component 8. Sustainability
   a. How is your proposal sustainable (how is it holistically addressing environmental, social and economic challenges)?
   b. If it is not sustainable, what needs to be addressed?

STEM AREAS OF INTEREST HIGHLIGHTED DURING SUMMER STEM INSTITUTE:
- Computer and Information Technology
- Environmental Sciences
- Math, Engineering, and Robotics
- Biology, Physics, and Chemistry

SOME TIPS:
- Posters should be neat, presentable and easily readable from a distance of two feet.
- Graphics such as illustrations, photographs, and drawings should support your UN SDG and help make it interesting and understandable.
- Use consistent design elements (layout, font, color, and images).
- Use titles to separate various sections of the poster. (These can also act as a visual guide to readers.)
- An effective poster:
  o Focuses on a single message. (You can fine-tune your thoughts using your journals.)
  o Keeps ideas/sequence well-ordered and obvious.