CHECKLIST FOR THE PHYSICAL ARRANGEMENT OF THE STEM RESEARCH POWER POINT

Participants will have a maximum of a 10-minute presentation of their power point presentation for the judges.

All power point presentations for the judges must be uploaded to YouTube (via your CPS Gmail Account)

- ☐ **SLIDE 1: TITLE PAGE**
  - ☐ Title of project
  - ☐ Project Category
  - ☐ Indicate type of investigation either Experimental or Design
  - ☐ Student name, School and Grade
  - ☐ Name of Sponsoring Teacher

- ☐ **SLIDE 2/3: ABSTRACT & SIGNED SAFETY SHEET**
  - ☐ Pictures of the Abstract & Signed Safety Sheet
  - ☐ Same as the Abstract & Signed Safety Sheet used in STEM Research Paper

- ☐ **SLIDE 4/5: ENDORSEMENTS & ATTACHMENTS (If applicable)**
  - ☐ Pictures of appropriate Endorsements and attachments

- ☐ **SLIDE 6: ACKNOWLEDGMENTS**
  - ☐ Credit is given to those that have helped with the research

- ☐ **SLIDE(S): PURPOSE & HYPOTHESIS OR NEED/REAL WORLD PROBLEM**
  - ☐ Design Project - Define precisely a need or real world problem and propose a design solution
  - ☐ Experimental Project - Hypothesis and prediction are present

- ☐ **SLIDE: MATERIALS**
  - ☐ All equipment and materials are listed

- ☐ **SLIDE(S): METHODS OF PROCEDURE**
  - ☐ Step-by-step, chronological procedures are present and replicable
  - ☐ Drawings and photographs are present if they enhance and clarify the project

- ☐ **SLIDES (S): RESULTS**
  - ☐ All data is presented, including results inconsistent with the hypothesis, if applicable
  - ☐ Data is quantitative and correct units of measurement (metric) are used
  - ☐ Data is organized into clear & informative tables or charts with accompanying graphs

- ☐ **SLIDE(S): CONCLUSIONS**
  - ☐ Evaluation and interpretation of data is present
  - ☐ Refers to purpose and hypothesis or need/real world problem
  - ☐ Answers the original question
  - ☐ Is valid and limited to the results of the experiment

EXPECTIONS FOR VIRTUAL STEM RESEARCH POWER POINT PRESENTATION

- Will have a maximum of a 10-minute video presentation of PPT presentation for judges.
- Uploading Video to YouTube (Via your CPS Gmail Account)
    1. Youtube.com
    2. Go to Create
    3. Choose "Upload Video"
    4. Select Video File (Drag and Drop)
    5. Details
        ▶ Audience: Choose "Yes, it's made for kids"
    6. Click Next
    7. Click Next
    8. Visibility
        ▶ Choose "Private"
    9. Save
    10. Link is available to share