Human Subjects/Surveys: (requires Human Participants Form (4) and Human Informed Consent Form)

- **Participants**: Describe who will participate in your study (age range, gender, racial/ethnic composition). Identify any vulnerable populations (minors, pregnant women, prisoners, mentally disabled or economically disadvantaged).
- **Recruitment**: Where will you find your participants? How will they be invited to participate?
- **Methods**: Describe any physical or mental activities or procedures involved in your experiment (including physical activities, the ingestion of food or drink, or even filling out a survey). Critically evaluate the potential risks to participants.
    - **Physical Participation:** What will participants be asked to do?
        - Describe the type, duration, and number of repetitions of any exercise or physical activity. What is the frequency and length of time involved for each subject?
        - Describe the ingestion method, amount, and intervals between ingestion of any food or drink, if applicable.
        - Consider and describe any health risks or other potential consequences that might result from these physical activities or the ingestion of the proposed substances.
        - **You MUST attach a complete ingredients list from any item to be ingested.**
        - **You MUST attach complete lyrics sheet for any songs listened to (must be appropriate).**
        - **You MUST attach copies of any images that will be viewed.**
        - **You MUST attach the actual questionnaire/survey when being used in an experiment.**
        - **You MUST identify the rating for any video/movie clips to be viewed. Must be "G" rated.**
        - **You MUST identify any video games to be played. Must be rated "E" for everyone.**

    - **Surveys and Questionnaires**: Will you use any surveys, questionnaires or tests? Include final copies of any surveys or questionnaires that you plan to use and critically evaluate the risk to your subjects.
        - Describe how each question or item on the survey/questionnaire will be used to measure the subject's level of interest (such as behavioral

observations, measuring the time required to complete a task, recording the type of response, etc).

- Consider and describe any emotional stress or other potential consequences that might result from the survey/questionnaire.
- **You MUST attach the actual questionnaire/survey.**

- **Risk Assessment**: How well you identify, describe and minimize potential risks to participants will largely determine whether your Research Plan get approved.
  - **Risks**: What are the risks or potential discomforts (physical, psychological, time involved, social, legal etc.) to participants? How will you minimize the risks?
  - **Benefits**: List any benefits to society or each participant.
  - See the ISEF Risk Assessment Guide to help with this.
- **Protection of Privacy**: Will any identifiable information (e.g., names, telephone numbers, birthdates, email addresses) be collected? Will data be confidential or anonymous? If anonymous, describe how the data will be collected anonymously. If not anonymous, **what procedures are in place for safeguarding confidentiality**? Where will the data be stored? Who will have access to the data? What will you do with the data at the end of the study?
- **Informed Consent Process**: Remember that you must inform potential human subjects about the voluntary nature of participation and their right to withdraw at any time (Human Informed Consent Form). Describe how you will inform participants about the purpose of the study, what they will be asked to do, that their participation is voluntary and they have the right to stop at any time. You must evaluate and show how you plan to minimize the physical, psychological and privacy risks to your human subjects.
  - **In your bibliography, you MUST include a reference source documenting that you have read about and understand the ethical considerations and basic human rights afforded to any human subjects involved in scientific research.**