

Great Probability Challenge

Mission 4 Lesson Plan

Lesson Topic:

Students make real life connections and author their personal probability tasks in a small group.

Learning Objectives:

Students will:

- apply what they have learned and author a probability task
- understand that probability and statistics are part of our daily lives
- share their tasks through the Probability Blog
- student Authored Probability Tasks will be shared in the Showcase

Preparation:

- Divide your class into small groups
- Provide pencil and paper for students to brain storm ideas

Class Discussion

Introduce the idea that probability and statistics are part of our daily lives and brainstorm instances in which we can observe them.

- Encourage students to use their creativity and imagination

Lesson Activities:

1. Students access Mission 4 of the Great Probability Challenge
2. Students brainstorm a project in their small group
3. Students perform the project
4. Students create evidence of their project such as:
 - Video recordings
 - Drawings
 - Photos
 - Graphs
5. Students share their group projects through the Probability Blog.
6. Actual projects are shared through the Showcase
 - Teachers upload video or images or help students to do so
 - Students to not have access to the Showcase