

IHAD Summer Camp Activities

Abbreviated Outline—Day 3

Day 3: Using SAM as an Assessment Tool

Thursday, July 13

1. Class Reflection and Review:

- Brainstorm activities and results, and big ideas.

2. Time to ‘story board’ and collect materials

3. Production of the movie

- Burn CDs of the movies for the students to keep.

4. Cumulative assessment:

- Students transfer understanding to explain a new phenomenon

Detailed Daily Activities—Day 3

1. Class Reflection and Review:

- Brainstorm activities and results, and big ideas.

2. Group Assignments

1. **Measurer** – makes the measurements, collects data and performs tests
2. **Equipment Manager** – gathers all materials and returns them at the end
3. **Reporter** – shares the group’s results and reasoning with the class
4. **Skeptic** – questions the group’s reasoning and writes down results

3. Using SAM (See student worksheet)

- a. The students closely follow the worksheet provided to each member of their group. Students use SAM to create a movie to teach a peer one of the concepts that they learned in the science camp.

4. Time to ‘story board’ and collect materials

- a. Remind students about the demonstration of story boarding on Day 2.

5. Production of the movie

- Burn CDs of the movies for the students to keep.

6. Cumulative assessment:

- Students transfer understanding to explain a new phenomenon