

# Planetary Science Public Engagement Session: *Measuring Your Impact*

## Connect to your goals

- Ensure that your goals are reasonable and appropriate for the event
- Keep your audience's goals and prior knowledge in mind

## Some Assessment Techniques

- Surveys (paper or online)
- Discussion
- Facial expressions/ questions
- Using hands / fingers/ thumbs to poll audience
- Twitter or other social media feeds
- Programs/ clickers
- Chat box (for webinars)
- Assessment probes (to determine prior knowledge)
- Snowball sheets for anonymous feedback, questions, or to check for understanding
- Drawing or writing reactions
- Think-Pair-Share to elicit ideas or check for understanding
- Card sorting for scale, distance, organizing
- Kinesthetic activities can check for understanding planetary motions
- Building models to represent planetary processes

Directions on conducting a Think-Pair-Share and a variety of astronomy questions:

[astronomy101.jpl.nasa.gov/materials](http://astronomy101.jpl.nasa.gov/materials).

Books published by NSTA: Uncovering Student Ideas in Science, and Science Formative Assessment: 75 Practical Strategies for Linking Assessment, Instruction, and Learning. Page Keeley, editor.

Additional Think-Pair-Share questions and probes by LPI:

[www.lpi.usra.edu/education/step](http://www.lpi.usra.edu/education/step)

*We are happy to help! [education@lpi.usra.edu](mailto:education@lpi.usra.edu)*