Pre-Assessment Workshop Results:

- How many years have you been teaching?
  - Pre-service: 15
  - 1st year
  - 2-5 years
  - 6-15 years
  - More than 15 years

- I teach at:
  - Private School: 15%
  - Public School: 85%

- Have you ever had a major role in science curriculum development?
  - Yes: 85%
  - No: 15%

- Why did you choose to participate in today's event?
  - District Encouraged Me: 20%
  - Professional Development: 40%
  - Interest in JttU: 40%
  - Networking Opportunity: 10%
  - Other: 10%
Rate your comfort level and familiarity with the following:

**Legend**

<table>
<thead>
<tr>
<th>Grading System</th>
<th>Equivalent Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 = Not Comfortable</td>
<td>0</td>
</tr>
<tr>
<td>2 = Somewhat Comfortable</td>
<td>33.30</td>
</tr>
<tr>
<td>3 = Comfortable</td>
<td>66.60</td>
</tr>
<tr>
<td>4 = Very Comfortable</td>
<td>100.00</td>
</tr>
</tbody>
</table>

### General Science

- **Grade:** 82.2
- **# Responses:** 15
- **% of Responses:** 68.9

### Space Science

- **Grade:** 68.9
- **# Responses:** 15
- **% of Responses:** 68.9

### Student-centered learning

- **Grade:** 82.2
- **# Responses:** 15
- **% of Responses:** 68.9

### The Journey through the Universe Program

- **Grade:** 55.6
- **# Responses:** 15
- **% of Responses:** 55.6

### Your role in: The Journey through the Universe Program

- **Grade:** 69.0
- **# Responses:** 14
- **% of Responses:** 69.0
Pre- versus Post-Assessment Workshop Results:

Pre-Assessment Question: In general, I usually find workshops: (check all that apply)
Post-Assessment Question: I found this workshop to be: (check all that apply)

![Bar Chart](image1)

![Bar Chart](image2)
Post-Assessment Workshop Results:

Rate the efficiency of the presenter(s) to:

Legend
Grading System | Equivalent Grade
--- | ---
1 = Not Effective | 0
2 = Somewhat Effective | 33.3
3 = Effective | 66.6
4 = Very Effective | 100

1. Present a science content overview that provided a conceptual foundation for the lessons.

- Grade: 100.0
- % of Responses: 100.0
- # Responses: 11


- Grade: 97.0
- % of Responses: 97.0
- # Responses: 11

3. Present material in an understandable and grade-appropriate manner.

- Grade: 100.0
- % of Responses: 100.0
- # Responses: 11

4. Present information in a dynamic and entertaining way.

- Grade: 100.0
- % of Responses: 100.0
- # Responses: 11

5. Facilitate inquiry-based exploration by the audience.

- Grade: 100.0
- % of Responses: 100.0
- # Responses: 11
Rate the quality of the educational materials with regard to:

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</tr>
<tr>
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<td>100</td>
</tr>
</tbody>
</table>

1. Their completeness in terms of your ability to effectively teach these lessons in your classroom.
   
   # Responses: 11
   
   Grade: 93.9

2. The quality of their instructional design to facilitate effective and efficient lesson management.
   
   # Responses: 11
   
   Grade: 93.9

3. Their relevance to your curriculum.
   
   # Responses: 11
   
   Grade: 90.9

4. Their relevance to the state standards.
   
   # Responses: 9
   
   Grade: 92.6

5. Ability to facilitate and support inquiry-based exploration in the classroom.
   
   # Responses: 11
   
   Grade: 100.0
Rate the quality of the workshop with regard to:

Legend
Grading System | Equivalent Grade (0-100 Scale)
----------------|----------------------------------
1 = Poor        | 0                                
2 = Fair        | 33.3                             
3 = Good        | 66.6                             
4 = Excellent   | 100                              

Logistical preparation and management.

Facility (temperature, lighting, etc.).

Overall general impression.

As a teacher planning to use *Journey through the Universe* activities with your students, how prepared do you feel to teach these lessons?