Journey through the Universe K-12 Educator Workshop Assessment Results
Community: Hilo, Hawaii
Date: Saturday, January 21, 2006

Pre-Assessment Workshop Results:

- **How many years have you been teaching?**
  - # Responses: 63
  - % of Responses:
    - Pre-service: 20%
    - 1st year: 40%
    - 2-5 years: 20%
    - 6-15 years: 10%
    - More than 15 years: 10%

- **I teach at:**
  - # Responses: 67
  - % of Responses:
    - Private School: 10%
    - Public School: 90%

- **Have you ever had a major role in science curriculum development?**
  - # Responses: 67
  - % of Responses:
    - Yes: 67%
    - No: 33%

- **Why did you choose to participate in today's event?**
  - # Responses: 71
  - % of Responses:
    - District Encouraged: 10%
    - Me: 40%
    - Professional Development: 30%
    - Interest in JttU: 10%
    - Networking Opportunity: 5%
    - Other: 5%
Rate your comfort level and familiarity with the following:

**Legend**

<table>
<thead>
<tr>
<th>Grading System</th>
<th>Equivalent Grade (0-100 Scale)</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**

- # Responses: 70
- Grade: 58.6

**Space Science**

- # Responses: 62
- Grade: 47.8

**Student-centered learning**

- # Responses: 61
- Grade: 68.8

**The Journey through the Universe Program**

- # Responses: 61
- Grade: 39.9

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

- # Responses: 60
- Grade: 36.7
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 showing Pre-Assessment vs Post-Assessment results for workshop evaluation criteria.](chart.png)
Post-Assessment Workshop Results:

Rate the efficiency of the presenter(s) to:

**Legend**

<table>
<thead>
<tr>
<th>Grading System</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1 = Not Effective</td>
<td>0</td>
</tr>
<tr>
<td>2 = Somewhat Effective</td>
<td>33.3</td>
</tr>
<tr>
<td>3 = Effective</td>
<td>66.6</td>
</tr>
<tr>
<td>4 = Very Effective</td>
<td>100</td>
</tr>
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</table>

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

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>3</td>
<td>67</td>
<td>67</td>
</tr>
<tr>
<td>4</td>
<td>91.0</td>
<td>91.0</td>
</tr>
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</table>

**Model best teaching practices.**

<table>
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<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>68</td>
<td>68</td>
</tr>
<tr>
<td>3</td>
<td>89.2</td>
<td>89.2</td>
</tr>
<tr>
<td>4</td>
<td>93.6</td>
<td>93.6</td>
</tr>
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</table>

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

<table>
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</tr>
<tr>
<td>3</td>
<td>90.2</td>
<td>90.2</td>
</tr>
<tr>
<td>4</td>
<td>88.3</td>
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**Present information in a dynamic and entertaining way.**

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<tr>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>68</td>
<td>68</td>
</tr>
<tr>
<td>3</td>
<td>93.6</td>
<td>93.6</td>
</tr>
<tr>
<td>4</td>
<td>88.3</td>
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**Facilitate inquiry-based exploration by the audience.**

<table>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2</td>
<td>57</td>
<td>57</td>
</tr>
<tr>
<td>3</td>
<td>88.3</td>
<td>88.3</td>
</tr>
<tr>
<td>4</td>
<td>88.3</td>
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Rate the quality of the educational materials with regard to:

Legend

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</table>

Their completeness in terms of your ability to effectively teach these lessons in your classroom.

The quality of their instructional design to facilitate effective and efficient lesson management.

Their relevance to your curriculum.

Their relevance to the state standards.

Ability to facilitate and support inquiry-based exploration in the classroom.

% of Responses

60

86.1

66

83.6

84.7

91.4

62
Rate the quality of the workshop with regard to:

### Legend

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<tbody>
<tr>
<td>1 = Poor</td>
<td>0</td>
</tr>
<tr>
<td>2 = Fair</td>
<td>33.3</td>
</tr>
<tr>
<td>3 = Good</td>
<td>66.6</td>
</tr>
<tr>
<td>4 = Excellent</td>
<td>100</td>
</tr>
</tbody>
</table>

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

### Logistical preparation and management.

- **Grade:** 96.9
- **# Responses:** 65

### Facility (temperature, lighting, etc.).

- **Grade:** 86.7
- **# Responses:** 65

### Overall general impression.

- **Grade:** 96.3
- **# Responses:** 64

### Ready

- **Grade:** 75.1
- **# Responses:** 63

% of Responses: 75.1 63