Research Study Jigsaw Activity Part 1

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cheng et al. (2004)** | **1** ***(Weakest*)** | **2** | **3** | **4** ***(Strongest)*** |
| Research questions | 1 | 2 | 3 | 4 |
| Research design / Methods | 1 | 2 | 3 | 4 |
| Analytical methods | 1 | 2 | 3 | 4 |
| Results | 1 | 2 | 3 | 4 |
|  |  |  | *Overall Score:* |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Haberyan (2003)** | **1** ***(Weakest*)** | **2** | **3** | **4** ***(Strongest)*** |
| Research questions | 1 | 2 | 3 | 4 |
| Research design / Methods | 1 | 2 | 3 | 4 |
| Analytical methods | 1 | 2 | 3 | 4 |
| Results | 1 | 2 | 3 | 4 |
|  |  |  | *Overall Score:* |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Kortz et al. (2008)** | **1** ***(Weakest*)** | **2** | **3** | **4** ***(Strongest)*** |
| Research questions | 1 | 2 | 3 | 4 |
| Research design / Methods | 1 | 2 | 3 | 4 |
| Analytical methods | 1 | 2 | 3 | 4 |
| Results | 1 | 2 | 3 | 4 |
|  |  |  | *Overall Score:* |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lenaerts et al. (2002)** | **1** ***(Weakest*)** | **2** | **3** | **4** ***(Strongest)*** |
| Research questions | 1 | 2 | 3 | 4 |
| Research design / Methods | 1 | 2 | 3 | 4 |
| Analytical methods | 1 | 2 | 3 | 4 |
| Results | 1 | 2 | 3 | 4 |
|  |  |  | *Overall Score:* |  |

Research Study Jigsaw Activity Part 2 (do not answer until prompted)

**Discuss with your group:**

What factors did you consider in your rankings?

Which paper earned the highest score? Why?

Identify three essential elements for an effective research project:

**Brainstorming your GER project:**

What is your research question?

|  |
| --- |
| Discussion Notes: |

Question Draft: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Consider research factors such as control and treatment groups, how you will measure change (exams, surveys, validated instruments, etc).

**Day 2:**

**Brainstorming your GER project (Cont.)**

How will you insure validity/reliability in your study?

Will your study be qualitative, quantitative, or mixed methods? Describe your instruments/ data collection.

What (if any) concepts of educational psychology may be relevant to your study? *(ex. student motivation, metacognition, affective domain considerations)*

Additional workshop notes: