NICE: Assessment results

Below is the assessment instrument I created to measure the effectiveness of the lesson in meeting the stated objectives:

**QR Lesson Assessment**

Learning Goals:

1. Student will be able to identify the factors that affect the prevalence and trends of dental caries and periodontal disease in the United State

2. Student will be able to select appropriate data sets and extract relevant information from selection provided in order to understand disease incidence in a selected population.

3. Utilizing guiding questions provided, student will work within a group to create a written summary of their findings including the significance of the data to oral health.

4. Student's confidence in his/her ability to analyze numerical data sets will increase.

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| --- | --- | --- | --- |
| Assessment question  | Yes | No | TOTAL |
| 1. Did the student identify factors that affect the prevalence and trends of dental caries and periodontal disease in the United States? | 1  |  |  |
| 2. Did the student select appropriate data sets in order to answer the questions they were presented with? | 1 |  |  |
| 3. Did all members of the group work together to create a written summary of their findings? | 1 |  |  |
| 4. Did the student submit a 1-paragraph long reflection reflecting improvement in their confidence in analyzing data sets? | 1 |  |  |

The students were divided into groups of 3 or 4, so this rubric was used to grade the group and not each individual student. The results:

Total teams: 12

Total score: 25 (Maximum total score: 48)

Average: 2.083 (Maximum average: 4)