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| **Title: Prime and Composite numbers** | | | | |
| **Your name:**  **Kimberly Richart**  **Amir** | **Age or Grade Level: Grade 5** | | **Integrated Disciplines/Subjects:**  **Math** | **Time frame for Lesson:**  **45 Minuets** |
| **STANDARDS, OBJECTIVES, ASSESSMENTS & MATERIALS** | | | | |
| [**Nebraska State Standards**](http://www.education.ne.gov/academicstandards/index.html):  **MA 5.1.1 e Classify a number as prime or composite.** | | | | |
| **Objectives:****Students will be able to describe the difference between a prime and a composite number.** | | | | |
| **Assessment: The assessment will be summative. Students will be assessed by how well they understand the difference between a prime and a composite number. (Summative)** | | | | |
| **Materials: \*Worksheet \*Pencils \*Whiteboard** | | | | |
| **LESSON PROCEDURES** | | | | |
| **Anticipatory Set:** **As soon as I have all of the girls I will tell them to get settled in and to pay attention. Tell them that we are going to be learning about prime numbers vs. composite numbers. Ask them to tell me what they think it means and if they can tell me what it is, give me an example.** | | | | |
| **Teacher will do:**  **-There will be problems on the white board for the bell-work**  **-As soon as the girls get done with the bell-work we will go through the answers and then get going on the task for the day**  **- We will be working with prime and composite numbers. So I will go over the vocab of prime and composite numbers.**  **-We will go over a few examples with the girls before I give them the worksheet.**  **- We will then hand out the worksheets to the girls**  **-The girls will be encouraged to ask any questions that they have.**  **- After working on the worksheet for the allotted time I will have the girls finish up the worksheets. (if there is any time left I would like to go over the problem and answers with them)**  **-After the worksheet is done and the answers are gone through we will do the closure.**  **- I really want the girls to understand everything that we did** | | **Student will do:**  **-Girls will start on the bell-work as soon as they arrive**  **-As soon as the girls are done, the girls will tell me what they know about prime numbers v composite numbers**  **- They will receive a worksheet that they will work on.**  **- They are encouraged to ask question and if they have a different way that helps them then they are encouraged to use whatever method is easier for them.**  **-As soon as all of the worksheets are handed out then girls should work on the worksheets until finished. If they want to work with a partner that is fine.**  **- As soon as the worksheet is finished it should be handed in and if there is any time to go over the worksheet, girls will grade their own worksheet. Then we will finish up for the day.**  **-When the worksheets are completely handed in girls will do the closure (3-2-1)** | | |
| **Closure:** **For my closure I will do 3-2-1. 3 things they learned, two questions that they have for me, and one thing that they liked about today.** | | | | |
| **Differentiation: High Achieving Learners- I would make sure that the problems I gave them were more difficult mixed with some problems that are not as difficult.**  **Resource Students: I will provide one on one support for my student. I will also provide an alternate assignment with easier problems.**  **ELL- I will make sure my ELL students know the vocabulary words. I will have Isela help with any translations with any Spanish speaking student.** | | | | |
| **Content Knowledge: Must help students to understand the difference between prime and composite numbers by**  **Teaching Methods/Strategies: I will use lecture for the first part to review prime and composite and then for the remainder of the class I will let the girls work in groups for their worksheet.** | | | | |
| **REFLECTION** | | | | |