Student Teacher Candidate: Peyton Allen
Lesson Subject(s)/Title: Geometry
Lesson Date(s): 1 November 2017
Course & Grade(s): 2nd Grade

ESSENTIAL QUESTIONS/ SUBSIDIARY QUESTIONS:

PURPOSE:
Students will be able to grasp the basic understandings of fractions.

SPECIFIC LEARNING OBJECTIVES: (clear, observable)
1. [For the apply/deepen], students will complete the Pizza Fractions activity individually.
2. [For the closure], students will complete the worksheet given to them.

STANDARDS:
Subject Area: Geometry

Eligible Content: CC.2.3.2.A.2

Use the understanding of fractions to partition shapes into halves, quarters, and thirds.

ANTICIPATORY SET:
We will watch a video from BrainPop about fractions. While watching the video I will ask the kids to be prepared to explain what a fraction, numerator, and denominator are after the video is finished. We will only watch about half of the video.
What is a fraction? – Part of a whole
What is a numerator? – How many pieces we're dealing with; on the top
What is a denominator? - How many pieces make up the whole; on the bottom
https://www.brainpop.com/math/numbersandoperations/fractions/

INPUT/ ACQUIRE NEW KNOWLEDGE:
and/or
APPLY/ DEEPEN NEW KNOWLEDGE:
We will complete an activity called Pizza Fractions. Individually, students will make their own individual pizza. Higher learners will cut their pizza into eighths, middle learners will cut their pizza into fourths, while lower learners will cut their pizza into halves.

CLOSURE/ASSESSMENT:
Students will complete the fraction worksheet by coloring in the appropriate fraction.

HOMEWORK: (Purpose- Preparation, Practice, Expansion)
None

EVALUATION/ASSESSMENT OF STUDENTS:
INSTRUCTIONAL PROCEDURES:
Pizza craft and fraction worksheet

Sensory Register	STM	LTM
Attention Recognition Perception	Focus Organization Rehearsal Visualization	Connections Elaborations Meaning

Facets of Understanding
1. Explanation
2. Interpretation
3. Application
4. Perspective
5. Empathy
6. Self-Knowledge

Multiple Intelligences
1. Linguistic [words]
2. Visual [pictures]
3. Mathematical [numbers & reasoning]
4. Kinesthetic [hands-on]
5. Musical [music]
6. Interpersonal [social]
7. Intrapersonal [self]
8. Naturalist [nature]

Multiple Exposures [4 x 2]
1. Dramatization
2. Visualization
3. Verbal

Complex Interactions
1. Discussion
2. Argumentation

Bloom's Taxonomy
1. Knowledge [Verbatim]
2. Comprehension [Own Words]
3. Application [Problem-Solving]
4. Analysis [Identify components]
5. Synthesis [Combine information]
6. Evaluation [Decisions]

Aspects of the Topic
1. Facts
2. Compare
3. Cause/Effect
4. Characteristics
5. Examples
6. Relationships

9 Effective Strategies
1. Similarities and Differences
2. Summarization and Note Taking
3. Reinforcing Effort and Providing Recognition
4. Homework and Practice
5. Nonlinguistic Representations
6. Cooperative Learning
7. Setting Objectives and Providing Feedback
8. Generating and Testing Hypotheses
9. Questions, Cues, and Advanced Organizers

Amy Nelson, Spring 2010

The teacher will:	The students will:
1. Play a BrainPop video about fractions. 2. Explain the Pizza Fraction activity. 3. Pass out the coloring worksheet.	1. Fill in the little worksheet while watching the video 2. Participate in the Pizza Fractions activity. 3. Complete the coloring worksheet.