**Jamie Daley: IT 7360**

**Assignment 8**

**Unit of Study:**

**Addition/Subtraction Ocean Theme**

## Standards:

## Students will learn how to add and subtract. The standard being used is KOA4 For any number from 1 to 9, find the number that makes 10 when added to the given number, e.g., by using objects or drawings, and record the answer with a drawing or equation. KOA 3 Decompose numbers less than or equal to 10 into pairs in more than one way, e.g., by using objects or drawings, and record each decomposition by a drawing or equation (e.g., 5 = 2 + 3 and 5 = 4 + 1).

## Goals:

## Students will learn how to make ten by joining groups together with objects, drawings, and/or manipulatives.

## Students will be able to take apart a number using manipulatives or drawings to find out how many are left.

## Students will be able to answer “how many in all?” while listening to or creating story problems of their own.

**Engage:**

* Students will watch and participate in youtube video: http://www.youtube.com/watch?v=O\_ccOKla2DA

**Explore:**

* Students will play addition war with a partner. Students will flip over a card. The first person to add the total gets to keep the cards. First person with all the cards wins.

**Explain:**

* The teacher will guide instruction by modeling what is expected using the materials given.
* During this time, the teacher will use vocabulary to enrich the mind and further develop math knowledge and skills.
* Students will use cooperative learning to practice various ways to add. They will each be given a number and job.
	+ 1. Tallies
	+ 2. Draw picture
	+ 3. Unifix Cubes
	+ 4. Counters
	+ 5. Math Sentence
* Students will take turns doing each job as directed by the teacher.
* Students will be able to answer how they solved their problem.

**Elaborate:**

* Students will go to the computer lab and practice addition skills using the given website: http://www.sheppardsoftware.com/mathgames/fruitshoot/fruitshoot\_addition.htm
* The teacher will progress monitor students as they complete the task.

**Evaluate:**

* As students are completing tasks on website, a score sheet will appear that the teacher can print and use as a grade.

**Extend:**

* Students will go back to the class and do centers.