State Competency - Standard 2: Number Sense and Operation - The student will use numbers and number relationships to acquire basic facts. The student will estimate and compute with whole numbers.

1. Number Sense
   A. Place Value
      i. Model the concept of place value through 4 digits (e.g., base-10 blocks, bundles of 10s, place value mats).
      ii. Read and write whole numbers up to 4 digits (e.g., expanded form standard form).

Objectives for this Lesson - The student will be able to read and write whole numbers up to 7 digits. The student will be able to recognize the place value for specific digits in a number. The student will be able to hear the number and write it correctly in word and number form.

Materials and Resources -
   1. Smart Board Presentations
   2. Construction Paper
   3. 7 2 liter Pop Bottles
   4. 7 Tossing Rings

Instruction -
   a. Introduction - I will use a Pre-Test to determine their prior knowledge of numbers into the one millions. My Pre-Test will ask them to write the words for the digits, write the digits for the words and know the place value of specific digits in a number. I will use charts on the Smart Board to remind them of the place values up to a thousand that they already have learned in Saxon Math
Lesson 27. The student will be motivated by understanding that the lesson comes with fun activities and games.

b. **Instructional Process** -

**Day One:** Give Pre-Test. Use Smart Board Presentation and Charts to go over Place Values. I will talk about the correct way to say the numbers and the correct way to write the numbers. Next I will give individual students a piece of colorful construction paper with a place value written in the middle. The students will then maneuver themselves into order based on their given place values. We will do this several times.

**Day Two:** Go over Smart Board Presentation. Give the students their construction paper place values and repeat yesterday's activity. Next we will play a short game with the place value cards. I will shuffle the place value cards and hand them to one student. I will then time the student as he/she lays the cards out in order. The student with the best time receives a prize. Then we will begin our visual center on the Smart Board. The students will individually go the board and move objects into the correct place value based on an instruction sheet they have been given.

**Day Three:** I will review how to spell the place value words and how to use the commas correctly in the numbers. Then I will pass out an answer sheet to use with my audio center. I will then read a story that has the numbers in the text. The students will hear the numbers read aloud in the story and then write the numbers using digits on their paper. Then I will read the story again and they will write the numbers with words. At the end of the lesson, the students will take a quiz on the Smart Board to test their understanding of the concept.

**Day Four:** I will review quickly our Place Value Lesson. The students will then play a game using Place Values. This will be the tactile center. I will take seven two-liter pop bottles and label them with a place value one through one million. I will line the bottles in a row in order from one to one million. The students will
then be given seven rings to toss onto the top of the bottles. Their first toss will represent the number one. Their second toss will represent the number two. Their second toss will represent the number three and so on. The winner will have the highest number. The ones bottle will be the closest to them and therefore the easiest. The millions bottle will be the furthest from them and will be the hardest to reach. They will have to strategize when to try for certain bottles and with what number. The winner will receive a prize.

**Day Five**: I will review our Place Value Lesson. Then the students will be given the Post-Test.

c. **Closure** - I will review the Place Value Lesson each day. I will ask questions to determine whether they can recognize the numbers in word form and in number form. I will also make sure the students can say the numbers correctly. It will be important for them to spell the words correctly and use commas correctly. I hope to verify their understanding finally by the Post-Test.

**Assessment** - I will assess their knowledge of the lesson by first determining their prior knowledge of the subject by presenting the students with a Pre-Test. I will ask questions as I teach the lesson. During the visual center, I will be able to see if they comprehend the concept. After the audio center, I will be able to identify the problems with any spelling or writing of numbers. I will also be able to detect how well they do on the Smart Board Quiz. While the students play the ring toss game, I will observe how well they understand the lesson and how well they can articulate the concept with their fellow students. I will use the Post-Test to conclude their level of improvement if any.

**Modifications/Accommodations** - I have some ELL students in my class. For these students made a Place Value chart that they were allowed to use on their Post-Tests. This helped them with word spellings and gave them a visual guide on how to write the numbers. They were able to use the manipulative with the centers as well. The IEP students were also given charts and extra time.
Reflection - Overall, I thought the lesson went very well. The students really enjoyed doing the activities. They seemed to enjoy not having to do things directly from the book. They asked every morning if we were still doing the Place Value activities. I saw a significant improvement for most students. I was very pleased with the results. My one student who made 100% on the Pre-Test did miss one on the Post-Test, but I know he was feeling very confident and might have rushed through the Post-Test because he was sure he knew all the answers. I had one student who did not change her grade. She is new to my classroom and this helped me learn more about her learning capability. I know that next time perhaps she needs the chart too.

For the most part I think the lesson and the centers went very well. There are certain things, however, that can be improved. For the audio center, next time I will record the story on a recordable device that the students may listen to individually and as many times as needed. During the tactile center, the rings seemed to bounce off the hard plastic too easily. I will have to find either different rings or something else to toss them on. I used the two-liter bottles because I thought it might remind them of a carnival type game and we could use the bottles during our class parties. I was very new to the Smart Board and during the visual center, the objects tended to disappear when the kids tried to move them. I will obviously need more training or practice in this area.

On the whole, the kids had a great time and were very excited during these particular days. I will try to continue to make interesting centers to help them learn math more effectively.