Number Sense Lesson- Alien Encounter

(For the sake of saving time we will be doing this in class as a whole group)

1. NCTM Standard(s):

* Compute fluently and make reasonable estimates
  + develop fluency in adding, subtracting, multiplying, and dividing whole numbers;

1. Launch:

Boys and girls we have a mission today. We have received a call from NASA that there are 12 flying saucers that need to be destroyed. I am going to need your help to destroy them. The way we are going to do this is use our adding and subtraction skills to locate and destroy these saucers. I know you will be able to do this, but without your help I have no idea what could happen.

1. Explore:
   1. Students will place 12 chips on the hundred charts so that each chip is on a different number. These chips will represent the flying saucers. Deal five change cards to each person and place the remaining cards face down in the middle of the group. Players place their playing pieces anywhere on the chart to start. Record where they have been placed.
   2. Players take turns trying to capture a chip. On your turn, move your game piece by using any combination of your change cards to land on a square with a chip. You can use any number of cards. From one card up to all five of your cards.
   3. If you land exactly on a square with a chip, capture it by taking if off the board. You can capture only one chip during a turn, and it must be from the square you land on.
   4. Record your moves on the recording sheet.
   5. Change cards you have used should go in the discard pile and draw however many cards you used on your turn.
   6. The player to capture five is the winner!
2. Share:

Once you have found your winner record the winning combination on the board and where the chips you captured were. We are going to look to at all the different ways to capture the chips. Winners tell us what you did to win.

1. Summarize:

Through this game students will be collecting the data of what cards they use and how they used addition and subtraction to obtain the chips (destroy the saucers). In doing this they are growing in their higher level thinking skills while gaining strength in their adding and subtracting skills. By the end of the lesson students will be able to use the following I can statements:

I can add by, 1’s, 2’s, 3’s, 10’s, 20’s, and 30’s

I can subtract by 1’s, 2’s, 3’s, 10’s, 20’s, and 30’s

I can count to one hundred

Math Blast Off: Developing Number Sense with the Hundreds Chart was created by Doris Young and was downloaded from this website: <http://www.teacherspayteachers.com/Product/Math-Blast-Off-Developing-Number-Sense-with-the-Hundreds-Chart>