Pattern Lesson

Standard:

 1.2.1.1- Create simple patterns using objects, pictures, numbers and rules. Identify possible rules to complete or extend patterns. Patterns may be repeating, growing or shrinking. Calculators can be used to create and explore patterns.

Launch:

 We will start by solving the pattern problem:

 I have 12 flowers in my garden. The 1st flower is red. The 2nd flower is yellow. The 3rd flower is red and the 4th is yellow. If this pattern continues what color are the 5th, 6th, and 7th flowers? What will the 12th flower be?

Explore:

 Students will get into groups of two or three to solve the problem. First they will discuss the problem with their group members. Next they will solve the problems in their math journals. Lastly, students will put their answers up on the board to share with the rest of the class.

Summarize:

 The teacher will ask the students…what is a pattern? Some examples would be that they repeat themselves or it can be easy to tell what will come next. Also, where can you find patterns in the room?

 Show students examples of patterns what comes next?

 \_\_\_ \_\_\_ \_\_\_

 AJJAJJA \_\_\_ \_\_\_ \_\_\_

 17, 21, \_\_\_, 29, 33, 37, \_\_\_

Apply:

 Have students make their own patterns to put up on the board. Students can look at other classmate’s patterns to see if they are able to recognize their patterns. Students will discuss where else they might see patterns. They may see patterns at home, in the hallway, on the bus, etc.