Framework for Learning:
Leader's Name: …………………………………

Co-Leader's Name: ……………………………

Instructor’s Initials: ………

Getting Started:
Log into UMATH X
From the menu on the left:
   Hover over the Strand: Algebra
   Hover over Section 3: Patterns, Patterns, Patterns
   Hover over the Lesson: Object Patterns
   Hover over the Sub Lesson: Group 3 - Extending
Select and complete Sub Sub Lessons: Examples 1, 2, 3, 4

As you work through the lessons, complete the corresponding notes below. Use colored pencils to color code the extensions of the patterns.

Example 1

Example 2

Example 3

Example 4

Working In It:
Extend the following patterns using colored pencils.

Example 1

Example 2

Example 3

Example 4
From the menu on the left:
- Hover over the Strand: Algebra
- Hover over Section 3: Patterns, Patterns, Patterns
- Hover over the Lesson: Object Patterns
- Hover over the Sub Lesson: Group 3 - Extending
- Select and complete Sub Sub Lessons: Examples 5, 6, 7, 8, 9

As you work through the lessons, compare your extensions of the patterns above with those in the program. Correct any mistakes before continuing.

**Reflect & Connect:**

Build two patterns each involving two attributes (i.e., color, shape, number, size, orientation) using pattern blocks or everyday objects such as paper clips or candy.

Draw color-coded sketches of your patterns below.

**Pattern 1**

**Pattern 2**

Exchange papers with a partner and require him/her to extend both patterns 5 terms.

Discuss and correct any mistakes before turning in your work to your teacher.

Build It. Draw It. Talk It. Write It. Now you OWN It!