Framework for Learning:                Extending Object Patterns – Group 2
Leader’s Name: ........................................
Co-Leader’s Name: .................................
Instructor’s Initials: .............

Getting Started:
Log into UMathX
From the Content Menu, follow the path below:

Algebra> Section 3: Patterns, Patterns, Patterns> Object Patterns
Group 2 - Extending
Select and complete Lessons: Examples 1, 2, 3, 4, 5, 6

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

Example 5

Example 6

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

Example 7

Example 8

Example 9

Example 10
From the Content Menu, follow the path below:

Algebra> Section 3: Patterns, Patterns, Patterns> Object Patterns
Group 2 - Extending

Select and complete Lessons: Examples 7, 8, 9, 10, 11

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 one attribute (i.e., color, shape, number, size, orientation) using pattern blocks, color counters, and/or everyday objects.

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!