Framework for Learning: Extending Object Patterns – Group 3

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 3 - Extending
Select and complete 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.
From the **Content Menu**, follow the path below:

**Algebra**> **Section 3: Patterns, Patterns, Patterns**> **Object Patterns**> **Group 3 - Extending**  
Select and complete 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!**

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