Patterns: A Cross-curricular Thematic Unit

Learner Outcomes

**Knowledge**

*Math*

Students will identify a sequence of sounds, shapes or motions

Students will identify patterns in groupings on a 100 chart

*Science*

Students will describe patterns as they observe day-to-day and seasonal changes in weather

*Language Arts*

Students will identify rhyming words and patterns

Students will recognize predictable patterns in stories

Students will recognize the pattern of writing left to right and top to bottom

*Music*

Students will identify same and different

**Comprehension**

*Math*

Students will describe the pattern of a given sequence

*Science*

Students will illustrate patterns of symmetry in plants and animals

*Music*

Students will describe how sounds and music are used in our daily lives

**Application**

*Math*

Students will copy a sequence of sounds, shapes or motions

*Language Arts*

Students will demonstrate rhythmic methods to distinguish the number of syllables in words

Students will reread stories and poems independently or as a group, modeling patterns of changes in timing, voice, and expression

*Music*

Students will demonstrate same and different

*Visual Arts*

Students will explore art elements to express ideas in a variety of visual forms

**Analysis**

*Math*

Students will compare and order whole numbers

Students will sort shapes or objects by a variety of properties

Students will extend a sequence of sounds, shapes or motions

*Language Arts*

Students will identify and discuss the sequence of events in informational text

**Synthesis**

*Math*

Students will construct multiple sets, each containing the same number of objects

Students will divide a small number of objects into equal sets

Students will create a sequence of sounds, shapes or motions

*Language Arts*

Students will generate writing ideas through discussion and use of text models

*Visual Arts*

Students will generate ideas and images for artwork based on memory, imagination, and experience

**Evaluation**

*Visual Arts*

Students will recognize that people have different viewpoints about works of art