**Instructional Days:** 34-37, (Days 1-4 from Unit B, Part 3)

**Topic Description:** Students use coordinates to draw more precisely in Scratch.

**Objectives:**

The student will be able to:

* Utilize the axes on the stage to draw patterns in Scratch.

**Outline of the Lesson:**

**Day 34:**

* Presentation on Drawing with Coordinates (10 minutes)
	+ Introduce the the go to x y block.
* Drawing with Coordinates worksheet (20 minutes)
* Independent work in Scratch (15 minutes)
	+ Have students create a drawing using coordinates.
* Students write a journal/blog entry about what they learned (10 minutes)

**Day 35:**

* Presentation on Coordinates in Scratch (10 minutes)
	+ Shapes on the coordinate plane
* Coordinates in Scratch worksheet (20 minutes)
* Independent work in Scratch (15 minutes)
	+ Have students create a shape of their choice in scratch.
* Students write a journal/blog entry about what they learned (10 minutes)

**Day 36:**

* Drawing with Coordinates 2 worksheet (25 minutes)
* Independent work in Scratch (20 minutes)
	+ Have students create a drawing to practice their skills in Scratch.
* Students write a journal/blog entry about what they learned (10 minutes)

**Day 37:**

* Coordinates in Scratch worksheet (25 minutes)
* Independent work in Scratch (20 minutes)
	+ Have students create a drawing to practice their skills in Scratch.
* Students write a journal/blog entry about what they learned (10 minutes)