

**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)