

Lab 1

1. Progress สรุป

The screenshot shows the 'Accelerated Intro to CS Course' progress page on Code.org. The page lists 12 lessons with their respective progress status. Lessons 1, 3, 4, 6, 8, 10, and 12 are marked as 'Unplugged Activity'. Lessons 2, 5, 7, 9, 11, and 12 have progress indicators showing completion of specific levels.

Lesson Name	Progress
1. Introduction to Computer Sci...	Unplugged Activity
2. The Maze	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
3. Computational Thinking	Unplugged Activity
4. Graph Paper Programming	Unplugged Activity
5. The Artist	1 2 3 4 5 6 7 8 9 10
6. Algorithms	Unplugged Activity
7. The Artist 2	1 2 3 4 5 6 7 8 9 10 11
8. Functions	Unplugged Activity
9. The Farmer	1 2 3 4 5 6 7 8 9 10 11
10. Conditionals	Unplugged Activity
11. The Artist 3	1 2 3 4 5 6 7 8 9 10 11
12. Song Writing	Unplugged Activity

2. รูปภาพบทเรียนที่ชอบ

The screenshot shows the 'Lesson 7: The Artist 2' interface on Code.org. It features a visual programming workspace with a 'when run' block containing a 'repeat 16 times' loop. The loop includes a 'set color random color' block, a 'repeat 3 times' loop with a 'move forward by 100 pixels' block, and a 'turn right by 120 degrees' block. The final block in the loop is a 'turn right by 36 degrees' block. The interface also includes a 'Reset' button, a 'Need help?' section with a video, and a 'Show Code' button.

Lesson 7: The Artist 2

Instructions

Here's the same code from the previous puzzle, but repeating the turns 36 times. How many degrees should the turns be? (Hint: after 360 degrees of turning the drawing will come full circle)

Workspace: 6 / 6 blocks

```

when run
  repeat 36 times
    do
      set color random color
      repeat 3 times
        do
          move forward by 100 pixels
          turn right by 120 degrees
        end
      end
    end
  end

```

Need help? See these videos and hints

Repeat Times Block

Lesson 7: The Artist 2

Instructions

Here's the solution to the previous puzzle. How many degrees should you turn to complete the drawing? (You probably need to guess a few times)

Workspace: 8 / 8 blocks

```

when run
  repeat 4 times
    do
      repeat 10 times
        do
          set color random color
          repeat 4 times
            do
              move forward by 20 pixels
              turn right by 90 degrees
            end
          end
        end
      end
    end
  end

```

Need help? See these videos and hints

Repeat Times Block