# Nested Iteration

In this lesson, students will learn about nested loops. Nested loops are when loops are placed inside other loops to create more complex programs. When a loop is nested inside another loop, the inner loop must complete all its iterations before the outer loop can continue. This lesson corresponds with AP Computer Science A topic 4.4.

## Objective

Students will be able to:

* Represent nested iterative processes

## Enduring Understandings

This lesson builds toward the following Enduring Understandings (EUs) and Learning Objectives (LOs). Students should understand that…

* EU Con-2 Programmers incorporate iteration and selection into code as a way of providing instructions for the computer to process each of the many possible input values. (LO’s 2.C, 2.D, 2.E, 2.F, 2.G)