2.2 Lesson Summary - Vexing VBA

Processing data often requires repetitive actions which, when performed in code, is most efficiently organized in a loop. VBA supports different kinds of loops the most basic of which is the For Loop.

Concept: A **For Loop** is a useful tool when executing code a certain number of times. For loops have the following syntax:

*For i = 1 To 10*

*runThisCodeTenTimes()*

*Next i*

* Activity: 02-Ins\_ForLoops, 03-Stu\_ChickenNuggets

Concept: Loops can contain code including conditional **If-Then** statements.

* Activity: 04-Ins\_LoopConditionals, 05-Stu\_FizzBuzz, 06-Stu\_Lotto

Concept: Loops can also contain other loops in what is called a **Nested Loop**.

* Activity: 07-Ins\_NestedForLoops, 08-Stu\_HornetsNest

For loops in VBA can be combined with other code, conditional statements, and other loops to perform useful tasks.