

# Introduction to Programming Curriculum Map

<u>Introduction</u> Algorithms First program Control Structures Programming Languages, History	August - September / January
<u>Modularity</u> Functions, parameters	September - November / February - April
<u>Decision statements</u> if, if...else, nested ifs	September - November / February - April
<u>Loops</u> for loops, while loops, nested loops	September – November / February - April
<u>Variables, Data Types and Errors</u> Variables Numbers, Decimals, Strings , Booleans Operators, Order of Operations Error handling	October / March
<u>Data Structures</u> Lists	November – December / April - May
<u>Graphics and Animation</u> Simple animation and RGB colors Timer events Images Sounds	November – December / April - May
<u>Object Oriented Programming Introduction</u> Methods and Properties Classes and objects	December / May