



CODEFLIX™

CURRICULUM: YEARS 9-10

Digital Technologies Curriculum Alignment

Codeflix is designed to deliver the building blocks of coding for students throughout their primary and early secondary journey. Learning pathways can be tailored to class capability and existing knowledge levels. Learning to code is like learning another language – there is a learning curve, and it requires regular practice to embed learnings. Codeflix teaches core coding concepts through fun digital projects that increase in difficulty. Students build their confidence and capability by applying similar concepts through a wide range of coding languages and platforms.



YEARS 9-10 Curriculum:

A focus on development and modification of innovative digital solutions, including the design and validation of algorithms in object-oriented programming languages.

ACT9TDI10P05

Students design algorithms using logical operators and represent them as flowcharts and pseudocode



ACT9TDI10P06

Students validate algorithms and programs by testing them with multiple test cases

ACT9TDI10P09

Students implement, modify and debug modular programs using selected algorithms and data structures in an object-oriented programming language

Coding Languages and available projects for students in years 9-10

Text Coding			
	JAVASCRIPT 26 Videos		PYTHON 30 Videos
GRADES: 04-10	RANGE: Beg-Int	GRADES: 04-10	RANGE: Beg-Adv
Project breakdown: INTRODUCTORY: 12 Videos BEGINNER: 4 Videos INTERMEDIATE: 10 Videos		Project breakdown: INTRODUCTORY: 5 Videos BEGINNER: 7 Videos INTERMEDIATE: 12 Videos ADVANCED: 6 Videos	