1200 Python for Kids (Grade 3 - 5)

Description:

This course teaches kids how to build amazing graphics, fun games, and useful apps. All they need is a desktop or laptop, and an internet connection to download Python 3. Step-by-step instructions and videos teach essential coding basics like loops and conditions, and outline 14 fun and exciting projects, including a script that cracks secret codes, a quiz to challenge family and friends, a matching game, and much more. Supporting STEM education initiatives, this course teaches kids how to think creatively, work collaboratively, and reason systematically.

Lesson 1: Python Basics	**Lesson 6: Functions**
Lesson 2: Turtle Graphics	**Lesson 7: Animal Quiz**
Lesson 3: Numbers & Variables	**Lesson 8: Modules**
Lesson 4: List & Loops	**Lesson 9: Robot Builder**
Lesson 5: Conditions	**Lesson 10: Exam**

Prerequisites: Grade 3+. No experience required.

Programming Language: Python

Books:

- Coding Projects in Python (Computer Coding for Kids)
- Coding for Kids: Python: Learn to Code with 50 Awesome Games and Activities