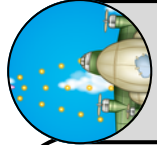


6



Programming 301 17 Lessons | 111 Activities

Introduces advanced programming as students build arcade-style games while learning variables, keyboard controls, and core game mechanics.



Programming 302 16 Lessons | 104 Activities

Introduces physics-based programming as students build games while learning forces, collisions, and advanced coding concepts.

7



Programming 302 16 Lessons | 104 Activities

Introduces physics-based programming as students build games while learning forces, collisions, and advanced coding concepts.



Python 101 13 Lessons | 115 Activities

Introduces Python programming as students build games and projects while learning syntax, loops, conditionals, and core coding concepts.



JavaScript 101 13 Lessons | 152 Activities

Introduces JavaScript programming as students build games and projects while learning syntax, loops, conditionals, and core coding concepts.

8



Python 201 15 Lessons | 129 Activities

Deepens Python programming skills as students build programs while learning functions, data structures, and advanced coding concepts.



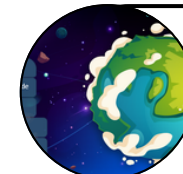
Web Development 101 10 Lessons | 83 Activities

Introduces web development as students build websites while learning HTML, CSS, page layout, and responsive design.



Weekly Projects

Rotating seasonal and creative projects using block coding, with some projects available in text-based coding.



STEM Courses (6-8)

Integrates programming projects into Math, Life Science, Physical Science, Earth Science, Social Studies, and English.