

TYNKER Grades 6-8 Course Recommendations

Choose the best starting point based on grade level, instructional goals, and prior experience, then progress as time allows. Alternative pathways can be selected based on student goals. Supplemental courses can be used at any point.

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START Recommended grade 6 entry point



Programming 301
17 Lessons | 111 Activities

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

START If students have completed P301



Programming 302
16 Lessons | 104 Activities

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

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START If looking for a block-based option



Programming 302
16 Lessons | 104 Activities

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

START If looking for text-based options



Python 101
13 Lessons | 115 Activities

Introduces Python programming as students build games and projects while learning core coding concepts.

Recommended for Python 201 pathway



JavaScript 101
13 Lessons | 152 Activities

Covers the same introductory programming concepts using JavaScript instead of Python.

JavaScript alternative to Python 101

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START If students have completed Python 101



Python 201
15 Lessons | 129 Activities

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

START If looking for a web development option



Web Development 101
10 Lessons | 83 Activities

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

SUPPLEMENTAL



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](#).