

# SCRATCH + READY-STEADY-CODE®

## Maths and Scratch in the Secondary Junior Cycle

There are almost 40 million Scratch projects shared at [scratch.mit.edu](http://scratch.mit.edu)

When the developers of SCRATCH in MIT added *Ready-Steady-Code* vector grids into the backdrop library in 2017, it became possible to code short, easy support lessons in Maths like the following examples for secondary students. Here is a selection from over 130 RSC shared projects which you can view in your web browser. These RSC projects stand out from among the millions shared. SCRATCH +RSC embeds coding perfectly into the strands of primary and secondary Maths up to Junior Certificate. Click one of the links to explore an online example and look at the code inside the project.

short

easy

practical

### Secondary examples

Area: Rectangle: <http://scratch.mit.edu/projects/42156328>

Area: Circle: <http://scratch.mit.edu/projects/42156398>

Triangle/Protractor: <http://scratch.mit.edu/projects/62825976>

Triangle Angles: <http://scratch.mit.edu/projects/167160029>

Discover Pythagoras: <http://scratch.mit.edu/projects/195800922>

Volume: Cube: <http://scratch.mit.edu/projects/240424293>

Volume: Cylinder: <http://scratch.mit.edu/projects/240370286>

Volume: Cone: <http://scratch.mit.edu/projects/240374423>

Block Graph: <http://scratch.mit.edu/projects/89762459>

Pie Graph: <http://scratch.mit.edu/projects/171638213>

Simultaneous Equations: <http://scratch.mit.edu/projects/195706136>

Quadratic Equations: <http://scratch.mit.edu/projects/104133413>

Problem Solving: <http://scratch.mit.edu/projects/171597011>

Prime Numbers: <http://scratch.mit.edu/projects/183983550>

Trigonometry: <http://scratch.mit.edu/projects/194575552>

view any shared RSC project at [scratch.mit.edu/users/readysteadycode](http://scratch.mit.edu/users/readysteadycode)



*Inquiry Based Learning using SCRATCH coding and Copybook Assignments on Squared-paper*

Organise a staff training course or get the Teacher's Handbook and teach yourself how to use the new Ready-Steady-Code grids in Scratch.

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