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Scratch is a simple, free programming language that can be used to create animations, stories, games, music, and art projects while learning about mathematical and computational ideas and design. It was created by the Lifelong Kindergarten Group at the MIT Media Lab.

You can download Scratch at <http://scratch.mit.edu/>

You can also upload projects you've created, view projects created by others, and download the ones that interest you.

There are numerous lesson plans, ideas and tutorials for Scratch on the internet, and some include YouTube video instructions. Here are a few helpful sites.

Instructions and Tips:

Game Studio - Created by [LTC](#) © 2006 Science Museum of Minnesota.

<http://ltc.smm.org/gamestudio/node/155>

Scratch Programming Handbook - Resources for Parents and Teachers, Sample Projects

<http://www.redware.com/scratch/lessons.html#sampleprojects>

Scratch Course Moodle

<http://www.meridianmoodle.com/course/view.php?id=35>

Scratch Intro - Video on TeacherTube

http://www.teachertube.com/view_video.php?viewkey=0cc34957a3d9166d2d75

Interesting Articles About Scratch:

Play to Learn: The Scratch Programming Language Sneaks Serious Fun into the Classroom

<http://www.edutopia.org/scratch-programming-language-technology-tool>

Learning Programming From Scratch

http://www.open2.net/blogs/scitechnature/index.php/2007/05/23/learning_programming_from_scratch?blog=7

Scratch Lowers Resistance To Programming

<http://blog.wired.com/gadgets/2009/03/scratch-lowers.html>

Scratch Makes Programming Like Playing With Lego Bricks

<http://arstechnica.com/old/content/2007/07/new-educational-tool-makes-programming-like-playing-with-lego-bricks.ars>