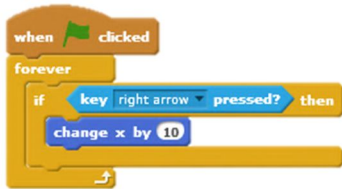


Advanced Scratch Computer Programming

This **S.T.E.M. program** provides an introduction to *creative computing* with MIT's Scratch programming tool, using a *design-based learning* approach. This course builds upon previous Scratch Coding concepts and supports more growth as a computational Thinker.

First Steps in programming



use **sequence**, **selection**, and **repetition** in programs and various forms of **input** and **output**¹

1 Source: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/239033/PRIMARY_national_curriculum_-_Computing.pdf

8 week Intro Coding Class:

| | | | | | | | |
|-------------|------|-------------|-------------|-----|----------|-----------|-----|
| scratch adv | Tues | 10:00-11:00 | 5-8th grade | 135 | 6/7/2016 | 6/30/2016 | n/a |
|-------------|------|-------------|-------------|-----|----------|-----------|-----|

Pre-requisites: none **Location:** your computer - online class

This program is geared to 4th grade - 9th graders

I will teach this class remotely . , A link to join the web based class will be sent out

No software to buy.

Registration for the class will be available **on-line**

<http://techscool.org/home-school/>

Class space is limited- registration and is taken on a first come, first served basis.

Please see the link below to get a better idea of some of the projects the kids will be working on such as the design of a video game.

<https://www.facebook.com/Techscool>

Scratch is MIT's programming language <https://scratch.mit.edu/parents/>

Class Questions? Please contact: Greg Beutler at Greg@techsCool.org