

SCRATCH - POST PRIMARY

INTER

ADV

NAME:

AGE:

START DATE:

MODULES

<http://tinyurl.com/scratchmodule1>

<http://tinyurl.com/scratchmodule2>

<http://tinyurl.com/scratchmodule3>

Comprehensive set of teaching materials to introduce Scratch to post-primary level students. The materials consist of 10 modules with step by step lesson plans and other resources.

MODULE 1

GETTING STARTED

<http://tinyurl.com/scratchmodule1>

-Scratch Interface, Drawing tools, Sound, Algorithms

1. USING SCRATCH

- ☐ Watched Introductory Video
- ☐ Exercise 1 ☐ Exercise 2 ☐ Exercise 3 ☐ Task

2. PLAYING WITH PICTURES

- ☐ Exercise 1 ☐ Exercise 2

3. TELL ME WHAT TO DO

- ☐ Exercise 1 ☐ Exercise 2 ☐ Exercise 3

4. PLAYING WITH MUSIC

- ☐ Exercise 1 ☐ Exercise 2 ☐ Exercise 3

5. END OF MODULE QUIZ

- ☐ Completed

MODULE 2

DRAWING SHAPES AND REPEATING

<http://tinyurl.com/scratchmodule2>

-Computer Instructions, Loops

1. THINK LIKE A COMPUTER

☐ Exercise 1 ☐ Exercise 2 ☐ Exercise 3

2. COULD YOU REPEAT THAT PLEASE?

☐ Exercise 1 ☐ Exercise 2

3. OVER AND OVER AGAIN

☐ Exercise 1 ☐ Exercise 2

4. END OF MODULE QUIZ

☐ Completed

MODULE 3

SEARCHING AND SORTING

<http://tinyurl.com/scratchmodule3>

-Linear searches, binary searches, searches involving hash tables

1. MAKE SURE TO WATCH FOLLOWING VIDEOS

- ☐ Bubble sort https://youtu.be/521gHsBQ5_Y
- ☐ Quick sort <https://youtu.be/FzNiEVDpA8Y>
- ☐ Selection sort <https://youtu.be/TbwkDXtHgOU>

2. WHERE ARE YOU NOW?

☐ Exercise 1

ME FIRST! SORTING

☐ Exercise 1

CSI - FINDING INFORMATION ON THE INTERNET

☐ Exercise 1 ☐ Exercise 2 ☐ Exercise 3 ☐ Discussion

END OF MODULE QUIZ

☐ Completed