

Scratch Coding for Kids

Difficulty: Beginner. This course assumes no prior knowledge in coding or using scratch.

Objective: To give students experience using block coding and introduce them to

Assessments: This course is written for beginners in the k – 5 grade levels. It gives students a complete tutorial of the program know as Scratch and will teach the different tools you have at your disposal. There will be quizzes and projects that will have you apply the skills that you just learned

Uploads: Students will be able access their uploads through their scratch login.

Length: This course is designed to be one semester worth of content assuming around 2 - 3 hours/week engagement.

Lesson Plan:

Module 1 – Scratch Overview and Vector vs Bitmap mode

Module 2 – Creating Scripts

Module 3 – Costumes and Sounds

Module 4 – Creating a Game

Module 5 – Creating Shapes and Message Broadcasting

Module 6 – Custom Blocks

Module 7 – Update Projects

Module 8 – Music Maker

Module 9 – Custom Maze

Module 10 – Guess My Number

Module 11 – Frogger

Module 12 – Dance Party