

Computer Programming

Free Time Websites

ALL Assignments Must Be In Before Using Any Sites

- <http://codecombat.com/> – Single and multiplayer RPG (learn JavaScript and Python)
- <http://armorgames.com/play/2205/light-bot> - Light-Bot: Puzzle solving using programming principles.
- <http://armorgames.com/play/6061/light-bot-20> - Light-Bot 2.0: More puzzle solving using programming principles
- <https://learn.code.org/hoc/1> - “Angry Birds” themed puzzle solving using “block programming”
- <http://studio.code.org/s/frozen/stage/1/puzzle/1> - “Frozen” themed puzzle solving using “block programming”
- <http://studio.code.org/flappy/1> - 10 step “Making Flappy Bird” tutorial using “block programming”
- <http://scratch.mit.edu/> – More “Block” programming
- <https://www.touchdevelop.com/> – Create games/apps through guided tutorials (Flappy Bird, etc). Does not use a “real” programming language, but created apps can be played and shared through the Touchdevelop Windows, Android, and IOS app.
- <http://www.codeavengers.com/> – Tutorials for making apps and games using Javascript
- www.robozle.com – Puzzle solving using programming principles
- <https://codehs.com/> – Karel the dog.
- www.alice.org - Alice – Block programming. May need to add to desktop
- <http://www.codecademy.com/> – Guided tutorials to learn a programming language (Javascript and Python recommended!)
- <http://botlogic.us/> - Puzzle solving using programming principles
- <http://www.puzzleschool.com/puzzles/code> - Solving puzzles using actual programming languages
- <https://www.jetbrains.com/pycharm-educational/> - Python learning tutorials