Sample Scratch Everglades Simulation Game

- NOTE: You can remix this project and use the Sprites (characters) to make your own game

Sample Module Handouts

Everglades PBL Resources

Everglades Resources

Scholastic Scope March 2016


Everglades Literacy Curriculum

Articles

- Article: Story Works Jr, The Snake that's Eating Florida
- Article: Newsela- Python big gulp: Three whole Everglades deer in one big snake belly
- Article: National Geographic- Pythons Eating Through Everglades Mammals at "Astonishing" Rate?

Population Simulation Games

- http://www.shodor.org/interactivate/activities/RabbitsAndWolves/
- Science Fusion- Competing for Resources Virtual Lab

Computer Science Resources

Computational Thinking (CT) and Computer Science (CS) Resources

- BBC Bitesize Introduction to Computational Thinking
- Computer Science Unplugged Lessons
- Carnegie Mellon Center for Computational Thinking
- CSTA- K – 12 Computer Science Standards
- Barefoot Computing
- Barefoot Computing Computational Thinking Resources

Code.org

- CS Fundamentals
- **Course A** (Kindergarten)
- **Course B** (1st Grade)
- **Course C** (2nd Grade)
- **Course D** (3rd Grade)
- **Course E** (4th Grade)
- **Course F** (5th Grade)
- **Course A – F Unplugged Lesson Plans Curriculum Guide**

**Scratch**

- Creative Computing Scratch Curriculum Guide
- ScratchEd
- ScratchEd- New To Scratch Resources
- Scratch Cards
- Scratch Getting Started Guide
- Scratch Getting Started Video
- Scratch Online Course Videos by Ben Schafer, Associate Professor, University of Northern Iowa, Dept. Of Computer Science
  - COURSE- CS4HS Introduction to Programming in Scratch
  - YouTube Video Playlist: Unit 1, What is Scratch?
  - YouTube Video Playlist: Unit 2, An Introduction to Scratch for Storytelling
  - YouTube Video Playlist: Unit 3, Interaction Via Text
  - YouTube Video Playlist: Unit 4, How did they Do That?
  - YouTube Video Playlist: Unit 5, Lists of Data in Scratch
  - YouTube Video Playlist: Unit 6, Lists of Data in Scratch
  - YouTube Video Playlist: Helpful Hints

- **Scratch Blog with Resources** Dr. Colleen Lewis, Associate Professor of Computer Science, Harvey Mudd College