

Bayou Academy  
Advance Computer Class  
Bullets

Each project is on my Moodle account.

The classroom has a website: [claire-marquis.squarespace.com](http://claire-marquis.squarespace.com)

- Stop Animation
  - Students will build a design for a story board
  - Using Vegas Software
    - Run a storyboard
    - Add music
    - Add voice overs
    - Write and illustrate an instruction book
  - Movie will be 2 to 5 minutes long
    - Must have a story line that follows throughout the movie
  - Presentation on their design when finished
- Pencil Animations
  - Using pencil software:
    - Will design a short story/design
    - Three designs will be made
    - Must have sound
    - Must be recorded as a movie
    - Presentations when all three are finished
- Electronic – Breadboards
  - Breadboards will be used to wire different projects
  - Learning the flow of electricity
  - Learning how to read a schematic diagram for each project
  - Learning all schematic symbols
  - Will be tested on each project
- Smart Circuits
  - Using smart circuits to design and follow instructions
  - Learning how the circuits work
  - Learning how to read schematic diagrams
- Arduino Boards – Microcontroller Boards
  - Learning Coding
  - Learning Programming
  - Learning how to read schematic diagrams
- Smart House
  - Each team will build a Smart House
  - Using Eco Dot and Arduino Boards – will program this house to be a smart house
  - Each team will compete against each other in competition
- Robotics

