



## Computer Class Pre-K-8

### Pre K-4

**Goal:** To exercise early reading software, Teach Your Monster To Read

**Objective:** Students will locate their name to log on to their individual account to complete reading exercises

**Procedure & Technical Skills:**

- Students will use the mouse, spacebar, arrows and enter keys to complete a function
- Students will complete the following exercises:
  - identify letters
  - identify upper and lower case
  - listen to letter sounds and match letters to their sounds
  - identify, listen, and match letter blends

### Kindergarten

**Goal:** To engage in a web-based reading software ABC Mouse

**Objective:** Students will locate their name to log on to their individual account to complete reading exercises

**Procedure & Technical Skills:**

- Click and drag technique
- Identify alphabet sequence, upper and lower case, and letter sounds
- Identify word blends by their sounds
- Read small sentences, audio books, match rhyming words
- Complete jigsaw puzzles, dot to dot, coloring, and matching

### Grade 1

**Goal:** Students will engage in an interactive timeline, JS Explorers, that will explore 5 continents.

**Objective:** To engage in early reading skills while exploring early civilizations in 5 continents.

**Procedure & Technical Skills:**



- Students will navigate through the software by utilizing click and drag, space bar, enter and arrow keys
- Students will follow mapping directions, compass rose, map keys
- Students will explore culture, early civilizations, and socialization of:
  - Egypt, China, South America, Antarctica, North America (Plymouth Rock)

### Grades 2

**Goal:** To create a slide show using Kip Pix Deluxe 3

**Objective:** To draw, paint, animate and save individual slides and then combine into a slideshow.

#### **Procedure & Technical Skills:**

- Slide must include text, stamps, animations, and sounds
- Topic will vary: short story or a poem
- Insert transitions, sounds, and to time the slide show.
- To save and open slides.

### Grades 3

**Goal:** To create a 4 slide multimedia presentation using Microsoft PowerPoint

**Objective:** With a partner student will create a presentation and become familiar with tool bars and task pane options.

#### **Procedure & Technical Skills:**

- To choose a slide layout and design from template
- To type facts in bulleted list format
- To copy and paste images from Google Images
- Insert text animations, slide transitions, music, and to time the slide show.

### Grade 4

**Goal:** Students will log on to Google Classroom to complete an assignment on their favorite state.

**Objective:** Students will research facts of their state, print, and turn in document via Google Classroom.

#### **Procedure & Technical Skills:**

- Students will pick a state of choice to research the following:
- Slide content:
  - State capital, flower, bird, tree, bordering states, interesting facts.
  - Students will include Google images
  - Print and turn in via Google docs
  - Students must cite web references

### Grades 5 and 6

**Goal:** To engage in an interactive website that teaches the early fundamentals of computer science and coding via <https://studio.code.org/> or [hourofcode.com](https://hourofcode.com)

**Objective:** To complete activities on beginner level

**Procedure & Technical Skills:**

- Students will execute set of instructions to complete task
- Students will progress to the next modular at their own pace

**Grade 7**

**Goal:** To complete a scavenger Hunt using Google Earth.

**Objective:** Via Google Classroom students travel to given locations and take screenshots using Windows Snipping Tool.

**Procedure & Technical Skills:**

- Students will log on to [classroom.google.com](https://classroom.google.com)
- Students will use snipping tool to take screenshots and paste onto google doc.
- Students print and submit completed assignment via google classroom.

**Grade 8**

**Goal:** Students create teacher thank you poems

**Objective:** Students work in groups to compose poems for teachers which will be read at graduation breakfast.

Email [a.fama@stannenj.com](mailto:a.fama@stannenj.com) with any questions or concerns.