

# Computer Class Pre-K 4-8



## PreK-4

**Goal:** To engage in software that will allow students to explore four global habitats and the animals that live there.

**Objective:** By exploring animal habitats students will gain an understanding of animal survival/camouflage, animals diets-(herbivores, carnivores, omnivores), food chains, prey/predators

**Procedure:** Students will navigate JumpStartAnimals

## Kindergarten

**Goal:** To engage in science software that will allow students to observe, compare, classify, and put scientific processes in correct sequence.

**Objective:** Students will explore plants, animals, seasons, and weather.

**Procedure:**

- **To access Virtual Drive Manager Sammy Science House**
- To classify living things into groups by species
- To sort a scientific process and put in a sequential order
- To explore weather and seasons and classify animal adaptation

## Grade 1

**Goal:** Students will engage in a first grade math software.

**Objective:** To focus on addition, subtraction, time telling, money, measurement, weight, temperature, and sorting attributes in sets

**Procedure:**

- **Virtual Drive Manager-Math Missions**
- Students will exercise the following skills:
  - number words, add/subtract whole numbers, work with money, symmetrical shapes, measure and weigh objects by using correct measuring tools, compare quantities in sets, sort by attributes, fractions, place value, rounding to nearest ten, time telling
- Difficulty levels will increase based on correct answers.

- Click/drag, enter key, or use of arrows to input answers.

## Grade 2

**Goal:** To create a KidPix Slide Show

**Objective:** Using a paint software students will draw, color and create their own story.

### **Procedure and Skills:**

- Students will become familiar with “open” and “save” functions
- Students will create 4 slides and combine into 1 slide show.
- Students will differentiate the uses of paint can, paint brush, pencil, crayon, and chalk tools
- Students will type a brief sentence describing their story.

## Grade 3

**Goal:** To utilize keyboarding software that will allow students to perfect the home row keys.

### **Objective:**

- Students will repeat lessons 1-7 which will allow them to memorize location of keys.

### **Procedure:**

- Students will complete keyboard warm up and challenge lessons
- Students goal is to increment accuracy while maintaining a speed of 10 WPM

## Grade 4

**Goal:** Students will continue to work on famous New Jerseyan Biography

### **Objective:**

- To create a Biography film clip incorporating researched facts from trusted web source.
- Students will create a Powtoon to create film clip.
- The research portion of this project is assigned by Mrs. McLaughlin and therefore the content will count as a Social Studies grade.

### **Procedure:**

- To navigate in Google CHROME and bookmark in “Favorites Folder” a history or biography website used for research.
- To find facts that include the following:
  - **Birth date, birth place, birth name**
  - **Family Members, Spouses, children**
  - **Childhood and School Life, Early Achievements that would impact their later career**
  - **Hobbies, Interests, and Activities and did they have an impact on their life achievements**

- Awards
- Their career and their contributions to society
- Reason for Fame
- Later Life/Old Age
- Death
- Photos and Quotes
- To incorporate the above in a Powtoon
- To view movie clips and share to a social media platform

### Grade 5

**Goal:** Students will create and submit a Multimedia Google Slide Presentation via Google Classroom. Presentations will be submitted via Google Classroom to Mrs. McLaughlin and Mrs. Fama. Students will receive two grades, content and presentation.

#### **Objective:**

- To create a presentation that will illustrate and include facts about a famous artist.
- Facts will include details found on Google Document uploaded as an attachment in Google Classroom

#### **Procedure:**

- Choose slide layout, background, text, and animations
- Content slides will be in bulleted list format
- Copy and Paste images of artist and replicas of artwork
- View presentations as a class
- Turn in and submit Google slides via Google Classroom to both teachers for individual grading

### Grade 6

**Goal:** Students continue working on Google Slide Presentations and will submit and turn in via Google Classroom upon completion.

**Objective:** To create and submit a Google Slide via Google Classroom that will include detailed facts on an Ancient Civilization. (Rome, China, Egypt, etc.)

#### **Procedure:**

- Students will create title slide, introduction slide and content slides
- Content slides will include:
  - Geography, Religion, Rulers, Government, Contributions to Society
- Students will import backgrounds from Google Images or insert a slide design from PowerPoint.
- Students will animate slides, insert animated clip art (.gif) and slide transitions.

### Grade 7

**Goal:** To create a visual on-line, cloud based presentation, using *Prezi.com*

Note: A Prezi is a web-based presentation tool that can be used as an alternative to traditional slide making programs such as PowerPoint. Prezi allows users to pan in and zoom to various parts of the canvas and emphasize the ideas presented. Prezi supports the use of text, images, and videos and also provides a collection of templates to choose from to help new users get accustomed to the interface. See <http://prezi.com/> to learn more.

**Objective:**

- To create a Prezi that will illustrate and provide facts on Volcanos

**Procedure:**

- Students will surf science websites and bookmark desired websites
- Students may also use science textbook to obtain facts.
- Content will include the following:
  - What is a volcano, how it is formed, what causes an eruption
  - Types of volcanoes, recent eruptions
- Insert images JPEG, GIF
- Insert music files: .mp3, .wav, .midi
- Insert video files: .mov, .avi, .mpeg

**Grade 8**

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

**Objective:**

- Compose poems, apply layouts, and print to be read at Graduation breakfast.

If you have any questions, you may contact me at my new email



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