Science in the City

CODING FOR THE COMMUNITY
Learning To Code and Build For the Community

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Objective(s)

Write a backstory using the [Google CS first curriculum](5, 6, 8)
Backstory will be based off an approved list of Oakland heroes
  ● Need a list of approved heroes for the students to choose

What will we teach

Narrative writing & story elements

Activities

1. Video (see it) - https://csfirst.withgoogle.com/c/cs-first/en/storytelling/characterization/introduction-to-characterization-and-broadcast.html to 1:18
2. Reading Confirmation(read it) - (TBD) https://www.studiobinder.com/blog/the-pixar-storytelling-formula-an-inside-look/
3. Laboratory Experience(do it) - Write a backstory using the [Google CS first curriculum](5, 6, 8)
4. Explanatory Tasks(explain it) - Google Slide presentation about the local hero

Agenda

Time	Task	Description	Needs
5 minutes	**Introduce the lesson**	**Teacher:** The Teacher will introduce the assignment of creating a comic book/graphic novel (Narrative Writing) to the students.	• Have instructions in the handout
5 minutes	**Students learn about how Pixar creates characters**	Teacher: The teacher will start by introducing students to how Pixar builds intriguing characters: [YouTube video](#)	• Student will take notes on what they watch in the video
10 minutes	**Students will answer questions about the video**	**Directions:** After watching the video, students will answer the following questions: Q1: They described that all characters have a "spine" what do you think they meant? Q2: All characters have a Goal. What will the goal for your Hero? Q3: What needs will your community Hero fix?	• Have the questions in an handout.
15 minutes	**Students will**	Students will read a short reading	• Students will read a

	read about how Pixar creates characters	about https://www.studiobinder.com/blog/the-pixar-storytelling-formula-an-inside-look/	writing about character building
5 minutes	**Students Quick Write**	Students will write a brief written summary of what they learned.	• Have a note taking section.
5 minutes	**Students learn about digital storytelling in Google CS first**	**Teacher:** The Teachers will play example of a digital story on a pre-done Google CS First project Teacher will play the Google CS first video on Characterization and Narrative	Computer, projector, speakers
30 minutes	**Students create their hero and construct an outline of their origin story**	**Directions:** Students will work to build their own write an outline of their story following the guidelines.	• Have a handout with written structure
30 minutes	**Students write a full version of their origin story based on their outline**	**Directions:** Students will work to building their own write an outline of their story following the guidelines.	• Have a note taking section.
45 minutes	**Students will create a 3 minute presentation on Google Slides about their hero**	**Directions:** Students will work to building a slide desk that tells the story of their superhero.	• Have a note taking section.
45 minutes	**Introduction to CS First/Scratch tool**	**Teacher:** The teacher will support students as they work on their introduction to CS & Scratch tool. ADD LInk	• Have a note taking section.
75 minutes 20 mins. Presentatio	**Small Group of Students will present**	Each day, a small group of students will share their Google Slide of their comic plan	n/a

ns 55 mins CS First (3 sessions)	their Google Slide presentation about their hero Students work on creating	Students will work on creating their Digital Storytelling	

Pixar & The Art of Story Telling

Directions: Use the space below to write down notes as you what the video about story telling. Be sure to write down the important things you learned.

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Storytelling Notes

Directions: In the moments that follow, provide a short explanation of how to tell stories that people can remember.

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Digital Storytelling

Digital storytellig is a new form of communicating that lets everyday tell their story. Digital story telling can include the movies, photos, music, or any of the other forms of media. Things like Instagram, YouTube, and SnapChat are forms of digital story telling. "Digital storytelling" is a new term to describe how everyday people use digital tools to tell 'their' story. Digital stories can be powerful ways to tell stories.

The term "digital storytelling" can cover a different types of media (*web-based stories, interactive stories, hypertexts, and narrative computer games*). It is sometimes used to refer to film-making in general, but it has been used to describe advertising and people trying to get their name out to the public.

Digital storytelling is the process where diverse people share their life stories and create new images for others. It is us telling OUR story! This newer form of storytelling came out of new media production, hardware, and software.

One can think of digital storytelling as the modern extension of the ancient art of storytelling. It is what our Griots and Ancestors did before us. Thanks to new media and digital technologies we can tell our stories through what is called **Digital Story Telling.**

Story Telling Notes

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Digital Story Telling Questions

Directions: After watching the video, students will answer the following questions:

Q1: They described that all characters have a "spine" what do you think they meant?

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Q2: All characters have a Goal. What will the goal for your Hero?

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Q3: What needs will your community Hero fix?
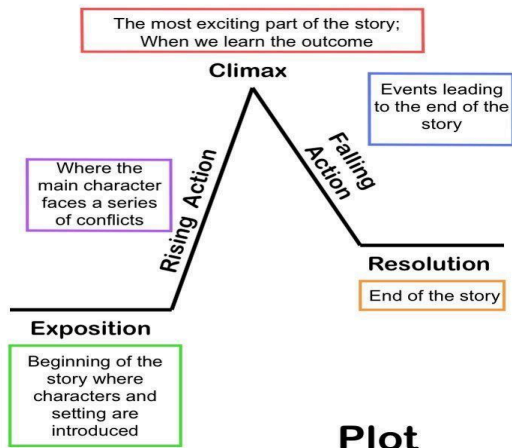
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How to Build Interesting Characters (Pixar)

Directions: Use the space below to will write a brief written summary of what they learned.
Quick Write

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Digital Story Boards

Directions: Look at the plot outline below. Write the 5 parts of your plot.

The most exciting part of the story; When we learn the outcome

Climax

Events leading to the end of the story

Where the main character faces a series of conflicts

Rising Action

Falling Action

Resolution

End of the story

Exposition

Beginning of the story where characters and setting are introduced

Plot Diagram

Directions
Digital Narrative
Summary

EXPOSITION

RISING ACTION

CLIMAX

FALLING ACTION

RESOLUTION

Digital Story Boards

Directions: Look at the plot outline below. Write the 5 parts of your plot.

EXPOSITION	
RISING ACTION	
CLIMAX	
FALLING ACTION	

RESOLUTION	