



**LT. GOVERNOR'S**  
Computing Challenge

Scoring and Evaluation  
April 20, 2021



# Three Challenge Options



LT. GOVERNOR'S  
Computing Challenge

## WHICH TYPE OF CHALLENGE IS BEST FOR YOU?

### CONCEPT CHALLENGE



Great project idea with  
complimentary audio-  
visual component.

### PROTOTYPE CHALLENGE



Partially functioning  
prototype with the  
concept behind it.

### DEVELOPMENT CHALLENGE



Fully-functioning  
project that users can  
engage with.

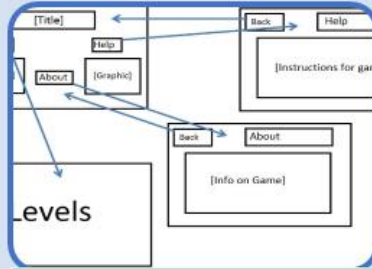
# Submission



## Concept Challenge

- Written Responses
- Audio-Visual Artifact

• GOOGLE FORM



## Prototype Challenge

- Written Responses
- Development Plan
- User Interface
- Code 1+ feature(s)
- Video

• LAUNCHPAD



## Development Challenge

- Written Responses
- Fully Developed Program
- Code all features
- Video
- Working Application

• LAUNCHPAD

# The Concept Challenge

# Written Responses

- Problem
  - Clearly identifies a problem that is being addressed with the coding solution.
- Inspiration
  - Identifies the inspiration for choosing the problem that the coding solution addresses.
- Audience
  - Identifies the intended users for the coding solution and why those users would want to use it.
- Solution
  - Clearly identifies a viable coding solution that explains how the solution will spread a positive message, solve an important problem, or promote a healthy habit.
- Spelling and Grammar
  - Answers are free of any spelling and grammatical errors.
- Length
  - Each question is answered fully and is no more than 100 words in length.

# Audio/Visual

- Visuals and Imagery
  - Audio-visual is clear, visually compelling and relevant to the computing solution.
- Content
  - Provides additional information about the coding solution beyond what is addressed in the written responses.
- Timing
  - Does not exceed 1 minute in length.
- Narration of Video
  - If narration or sound is included, it is clear, free of background noise. Volume levels are audible and consistent throughout.

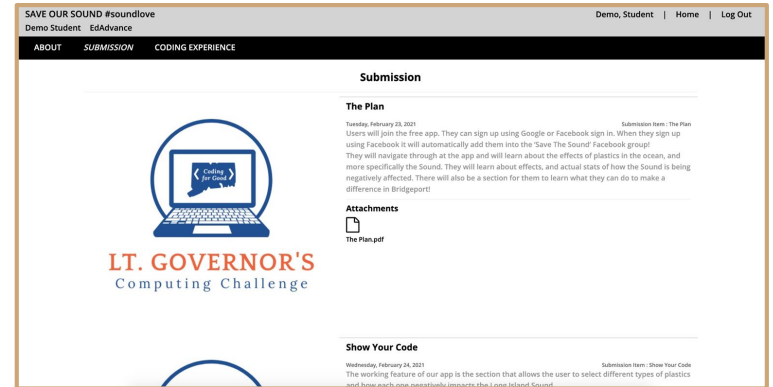
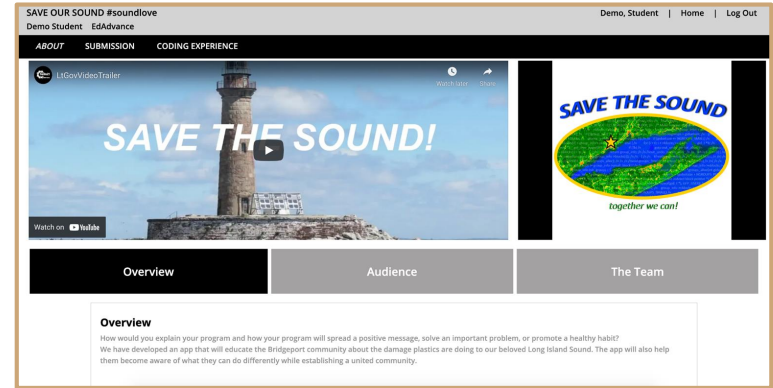


# The Prototype and Development Challenge



# Submission Components

- About Page
  - Title, Logo and Hashtag
  - Questions
  - Video
- Submission Page
  - Prototype
    - The Plan
    - Show Your Code
  - Development
    - Program Code





ABOUT

SUBMISSION

CODING EXPERIENCE



Overview

Audience

The Team

## Overview

How would you explain your program and how your program will spread a positive message, solve an important problem, or promote a healthy habit?

We have developed an app that will educate the Bridgeport community about the damage plastics are doing to our beloved Long Island Sound. The app will also help them become aware of what they can do differently while establishing a united community.

# About Page Specifics

- Title, Logo, and Hashtag
  - Title, logo, and hashtag illustrate a compelling and appealing representation of the coding solution that would entice users.
- Overview, Audience and Team
  - Clearly identifies a problem, the inspiration for addressing that problem, and proposes a viable coding solution that explains how the solution will spread a positive message, solve an important problem, or promote a healthy habit.
  - Identifies the intended users for the program and why they chose this population. Explains why the population would want to use the program and how the title, hashtag, logo and colors attract this population.
  - Information on The Team is added and complete.
  - Answers are free of any spelling and grammatical errors.
  - Each question is answered and is no more than 100 words in length.
- Video
  - Narration is clear and informative. Audio is free of background noise. Volume levels are audible and consistent throughout the entire video.
  - Video is clear, visually compelling and relevant to the computing solution.

# About Page Video

	Prototype	Development
<b>Content</b>	Illustrates the user interface and demonstrates one working feature of the program. Shows the program code and how it works.	Provides a complete walk through of the entire program. Demonstrates how the program works and language, tools and applications were used to develop it.
<b>Functionality</b>	The 1 coded feature works as intended without errors	The coded application works as intended without errors.
<b>Timing</b>	Does not exceed 2 minutes in length.	Does not exceed 3 minutes in length.



## LT. GOVERNOR'S Computing Challenge

### Submission

#### The Plan

Tuesday, February 23, 2021

Submission Item : The Plan

Users will join the free app. They can sign up using Google or Facebook sign in. When they sign up using Facebook it will automatically add them into the 'Save The Sound' Facebook group! They will navigate through the app and will learn about the effects of plastics in the ocean, and more specifically the Sound. They will learn about effects, and actual stats of how the Sound is being negatively affected. There will also be a section for them to learn what they can do to make a difference in Bridgeport!

#### Attachments



The Plan.pdf

#### Show Your Code

Wednesday, February 24, 2021

Submission Item : Show Your Code

The working feature of our app is the section that allows the user to select different types of plastics and how each one negatively impacts the Long Island Sound

# Submission Page Prototype Specifics

- The Plan

- The Plan is logical, properly sequenced, and fully describes what the program can do and how it works.
- The Plan features graphics, a storyboard, flowchart wireframe or other method that demonstrates what your program will look like and includes all features of the user interface.
- The plan is submitted in one PDF.

- Show Your Code

- Provides images of what a user will see when their program is turned on and images of the code they programmed.
- Screen captures are large enough and easy to read.
- A single PDF document is submitted with all screen captures showing the complete code.

## Submission



**LT. GOVERNOR'S**  
Computing Challenge

### Program Code

Wednesday, February 24, 2021

Submission Item : Program Code

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### Attachments



Program Code.pdf

### Working Application (optional)

# Submission Page Development Specifics

- Provides images of what a user will see when their program is turned on and images of the code they programmed.
- Screen captures are large enough and easy to read.
- A single PDF document is submitted with all screen captures showing the complete code.

# Evaluation Information: Concept

- Reviewed for appropriateness
- Evaluated for completeness
- Successful submissions will receive a certificate signed by the Lt. Governor
- Some submissions may be highlighted




# Evaluation Information: Prototype & Development

- Submissions will be reviewed for completeness and appropriateness
- Judges will evaluate submissions using a rating scale from 1 to 5
- Feedback will be provided to participants as permissible
- Successful submissions will receive a certificate signed by the Lt. Governor
- Some submissions may be highlighted

# Email Restrictions Fix

Click on your name here


 LAUNCHPAD

Help | **Demo Student** | Home | Log Out

Welcome, Demo Student!


Student Projects

Create and Manage

  
LT. GOVERNOR'S  
Computing Challenge


**WHICH CHALLENGE  
TYPE IS BEST FOR  
YOU?**

PROTOTYPE  
CHALLENGE




Partially  
functioning  
prototype  
with the  
concept  
behind it.

DEVELOPMENT  
CHALLENGE



Fully-  
functioning  
project that  
users can  
engage with.

  
Prototype and Development Challenge  
Prototype Challenge  
Development Challenge

**Choose Your Challenge!**  
You are challenged to identify a societal problem or issue and propose a computing solution that embraces the theme of Coding For Good. The Prototype Challenge requires a partially functioning prototype with the concept behind it and the Development Challenge requires a fully-functioning project that users can engage with. Watch the video to choose your challenge!

[How To Videos: Prototype Challenge](#)   [How To Videos: Development Challenge](#)



Change your email here

Email

student2@skills21.org

First name

Demo

Last name

Student

School

EdAdvance

Graduation year

2021

[Return](#)

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## Next Steps:

- Refer to the recorded webinars and corresponding presentations for additional helpful information.
  - <https://www.ltgovcc.org/resources>
- Review the submission against the scoring criteria for the chosen challenge.
- Make any necessary edits prior to submitting to the challenge.
- Ensure completion and submission by the April 30, 2021 deadline.
- Projects will be reviewed for completeness and evaluated against the scoring criteria in May.

# THANK YOU TO OUR SPONSORS



# QUESTIONS AND ANSWERS

