CODING FOR GOOD
Introduction to the Challenges
February 9, 2021
CHALLENGE PURPOSE and HISTORY

- To encourage females and underrepresented populations to develop critical thinking and computational thinking skills
- To identify societal issues and address them with coding solutions

- 2021 Computing Challenge: Coding for Good
  - https://www.ltgovcc.org/
ELIGIBILITY

- Grades 3-12
- Independent or as a Team
- Groups <=5 members
- Members must be in the same grade band
- Grade Bands
  - 3-5, 6-8, 9-12
Coding For Good

- Spreads positive messages;
- Tackles important issues; or
- Promotes healthy habits.
Three Challenge Options

**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.
CONCEPT CHALLENGE: Overview

- **Expectation**
  - Identify a societal problem/issue
  - Propose a viable coding solution
    - Ideation only, no coding/development

- **Submissions via Google Form**
  - Written responses to prompts
  - Audio-Visual
PROTOTYPE CHALLENGE: Overview

● Expectation
  ○ Identify a societal problem/issue
  ○ Propose a viable coding solution
  ○ Develop a prototype proof of concept

● Submissions via Launchpad
  ○ Development Plan
    ■ flowchart, storyboard, wireframe
  ○ Prototype
    ■ user interface with a minimum of one programmed, working feature
  ○ Video
  ○ Written Responses
DEVELOPMENT CHALLENGE: Overview

● Expectation
  ○ Identify a societal problem/issue
  ○ Design a viable coding solution
  ○ Develop a working coding solution
  ○ Fully Functioning Application
  ○ Work with a mentor [optional]

● Submissions via Launchpad
  ○ Written Responses
  ○ Video
  ○ Program Code
  ○ Working Application [optional]
SUMMARY OF CHALLENGES

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
SUBMISSION PORTALS

Concept Challenge
[Google Form]

Prototype & Development Challenge
[Launchpad]
CHALLENGE TIMELINE

- Announced by Lt. Governor Bysiewicz on January 25, 2021
- Submission portals will open on February 22, 2021
- Submission deadline is April 30, 2021
- Review and judging of submissions will occur in May 2021
- Recognition event will take place in June of 2021
MORE INFORMATION

- Visit the Lt. Governor’s Computing Challenge Website: www.ltgovcc.org
  - Upcoming and recorded webinars (registration required)
  - Videos
  - Prompts and Submission Guides
  - Additional Tools

- Email questions to info@ltgovcc.org
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QUESTIONS AND ANSWERS