



Great Cambrian Code-Off Guide



April 29th 2:30-6pm at the Price Cafeteria



Thank you for taking interest in the Cambrian School District's first annual Code-Off! This event, sponsored by the Cambrian Educational Foundation, is a fun, interactive, and educational activity where participants create a coding project from start to finish while following a theme! The Code-Off will have multiple levels for students of all ages, fun prizes and raffles giving your child an engaging opportunity to learn more about this important 21st century skill! Please read the following guide before you sign up!

Description

Teams of one or more students will compete by creating a coding project related to a specific theme using the Scratch programming language that will be shared on the day of the event.



This is intended to be a fun and friendly coding competition that gives students a chance to learn more about coding. It's more about the journey than the result :-) Experience with the Scratch programming language is recommended but not required! Resources for learning more about Scratch will be shared as part of the registration process.

- Teams will have a fixed amount of time (90 minutes) to complete their project.
- They will have the option of using a starter application (a template or skeleton application) or starting from scratch.
- Team Categories
 - **Student Teams and Individuals** will compete in separate groups. Parents can support logistics but cannot participate in the project creation process.



- **Family Teams:** This is a 3rd category where students and parents participate together in the project creation process.
- Projects will be judged in each of the following categories:
 - Complexity
 - Creativity
 - Practicality
 - Usability
 - Presentation
 - Uniqueness



Winners will be announced at the end of the competition.

- This event is open to all grades. Parents are expected to accompany students in grades TK-5. Parents of middle school students will have the option to drop them off AFTER SUBMITTING A SIGNED PERMISSION SLIP.
- We need volunteers! Opportunities to volunteer are shared on the registration form.

Questions? Email Matt Hill at hillm@cambriansd.com Interested? Read on!

I'm Interested!

1. Register at <https://forms.gle/ZbiuU3ACh8fFv6cJ8>
2. You will receive some pointers to resources for learning Scratch. Make an account and practice with Scratch before the event!
3. Day of the event: April 29: Event starts at 3pm in the Price cafeteria and ends at 6pm.
ONLY teams that have pre-registered can participate.



- a. **2:30 pm:** Sign in begins! Feel free to choose a table
- b. **3:00pm:** There will be a 30 minute introduction.
- c. **3:30pm:** Teams will have 90 minutes to complete a project on a specific theme (or do as much as you can!). Teams will have the option of using a “starter” application (a template or skeleton app) as the foundation for their project.
- d. **5:00pm:** Judging projects and dinner (pizza).
- e. **5:30pm:** Announce the winners for each category as well as our raffle winners!
- f. **6pm:** End of event