🔴🟡🟢 RUBRIC: CODING CHALLENGE

Live Performance at State Championship
Individual Student Event, 2 Students Allowed Per School To Apply
High School Only
BYOD

The student will be given a task to solve on-site in a timed environment using the language of their choice. They may select from the following languages:
  • VBScript
  • Jscript (JavaScript)
  • PHP
  • Perl
  • Python
  • Java
  • C, C++, or C#.

Students should bring their own laptops with which to compete. (BYOD)
First and second place will be recognized at the State Championship Awards.

See for up-to-date info: http://www.henry.kyschools.us/olc/page.aspx?id=13135&s=7

What the STLP Coordinator/Coach/Teacher should do:
  • Share the rubric with students
  • Share past prompts with students
  • Determine which students should apply for this category

What the student should do:
  • Review the rubric
  • Select your coding language and practice
  • Be prepared for the prompt and timed event at State Championship

STATE CHAMPIONSHIP	CRITERIA	POINTS POSSIBLE
ACCURACY	The student solves the Coding prompt with accuracy and detail (the specific criteria varies from year to year as the prompt changes)	75 (Must receive at least partial points here in order to receive points on the rest)
DESIGN	The solution is elegant, efficient and uses non-repetitious code	10
ERROR CHECKING	The script uses error checking for invalid input	10
TECHNIQUE	The script is easy to read (e.g. uses good scripting practices such as indentation, commenting, use of meaningful names for variables/subroutines)	5
	TOTAL SCORE OUT OF 100:	

Note: Points may vary slightly from year to year; however, the relative weight of each category remains consistent.