



**STEMTREE**<sup>®</sup>  
Your Education Center

stem@stementree.com

## Stementree Coding Workouts After School Program Coding with Fun

*Sponsored by Spring Hill Elementary School PTO*

**MUST be a Spring Hill PTO member to register!**

### **Weds 345-445: Wet Dry Lab**

**9 Sessions:** 10/10, 10/17, ~~10/24 (No class)~~, 10/31, 11/7, 11/14, ~~11/21 (No class)~~, 11/28, 12/5, 12/12, 12/19

**Grades:** 1<sup>st</sup> – 6<sup>th</sup> (students paired with someone same grade/knowledge level)

**Price:** \$202

**Register here** → <https://campscui.active.com/orgs/StementreeEducationCenter>

#### **Why Coding for the Kids?**

Today most children use computers and manipulate media, but few of them know how to create the media or software they are using. We teach students how to create and develop computer programs (games, stories, etc.) instead of playing them. Students will learn the computer programming concepts in a fun and interactive way. They will combine media elements to create and share their own interactive stories, animations, games, music, and art.

Students will learn basic reasoning and problem solving skills. They will have an opportunity to think creatively, communicate clearly, use technologies fluently, and collaborate effectively. They will also create their own computer programs to implement computer games and combine multiple topics.

#### **Content Focus:**

- Use of computer, learn programming language, develop computer games and apply basic science
- Students will be assessed in case they already have Scratch programming experience.
- **Students' proficiency in technology are assessed during the first session. Based on the outcome of the assessment, we divide the students into groups of no more than 2 students.**