

Greetings and welcome to our first official newsletter of the 2022-2023 school year! We had a very successful summer of professional learning through the Code VA K-5 Coaches Academy and, for second year participants, the CS Integration Microcredentials. We thank you for your participation!

The ARCS [team](#) sends our best wishes to you all as you start the new school year. We recognize that for many, the teaching context looks very different from this time last year. Our aim is to provide you with regular [ARCS](#) updates and resources that will help you integrate K-5 Computer Science (CS) SOLs into your instruction. This is in addition to the [Learning Bytes](#) professional learning opportunities provided to you through Code VA. Register here for [Learning Bytes](#).

This month's theme is **cyber security**, which is defined in the helpful Glossary section of the CS SOL [Curriculum Framework](#) as **the study and practice of protecting computers and programs from unwanted access and theft of data**.

We hope you have a safe and successful month! Please don't hesitate to reach out to TCEP@odu.edu if you have any questions.

Concept Corner

ally included. By clicking on the link you end up making yourself vulnerable. To avoid falling prey to phishing, verify the sender's email address and do not click on shortened links. Even if you need to submit personal information to a verified sender, log on to the sender's portal outside of the email shortcuts to prevent any vulnerability to identity theft.

Weak passwords: Hackers can easily break into accounts with weak passwords, which is why having a strong password to protect your information is vital. Avoid using common English words, phrases, and common names. Preferably use a combination of upper and lower-case letters, numbers and special characters.

Unsecured Sites: Know the difference between secure (HTTPS) and non-secure (HTTP) sites. The non-secure sites do not protect the users' information. Any information or details input into a non-secure site make the user vulnerable to identity theft.

Click [here](#) to watch an introductory video to Google's Be Internet Awesome initiative.

Upper Elementary: [INTERLAND](#) from Google is a free, interactive game that is appropriate for upper elementary students (designed for grades 2-5).

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K.10, 1.9 & 1.10, 2.9 & 2.10, 3.10 & 3.11, 4.10 & 4.11, 5.9 & 5.10

Teacher Resources: Did you know that [#GoOpenVA](#) is active and has an extensive searchable library of resources for teachers? It was designed for teachers to create, share, and use digital resources with the goal of equitable access to learning materials. We found several lower and upper primary level resources for Computer Science. These free, digital materials can be used or modified to adjust to student needs. They are openly licensed and unhampered by many traditional copyright limitations. The database is easy to search by keyword, standard, and grade band.