Announcements

Our topic this month is **data**. What do your students think of when they hear the word data They might be surprised to learn that the concept of data pre-dates computers by more than 20,000 years! Below you can learn more about this topic and how it connects to our everyday lives.

If you have any questions about ARCS or CS integration, or have any innovative ideas you would like to share with us, please don t hesitate to reach out to us via email at **TCEP@odu.edu.**

Sincerely,

Concept Corner

re interested in if one of the movie names is on the right, while the other has the name on the left. Imagine if they didn t neatly organize the names under the same column. Worse than that, imagine if the movie times weren t all in the same format. It would not be fun to search through the available times of pm half past and twelve thirty

The same goes with teacher gradebooks: imagine if, for some students, you wrote an A or C+ while, for other students, you wrote the actual number grade. In other words, the type of data in a particular column must be kept the same. The student names on the left makes it easy to find the corresponding row to add an assignment s grade, with one column dedicated for that specific assignmenmv i i i i i i i i i block to write that grade in - spot the column, spot the row, then close in on the correct spot. This way of organizing your students records makes it easier to sort information, spot errors, and report on progress.

Source: **The history of data - ThinkAutomation**

Pedagogy Pointers

Designing Data Talks in your Classroom: You Cubed and Tech & Learning have a number of resources including strategies, suggestions for implementation, and potential resources to use in elementary class-rooms to facilitate Data Talk activities, which can help students improve their skills in interpreting and under-

Computer Science in the Commonwealth

Computer Science Teacher Webinars

To support computer science teachers during the 2021-22 academic year, the VDOE computer science team will conduct monthly instructional webinars. The Computer Science Teacher Webinars will focus on instructional practices of teaching computer science or on a strategy/resource to support standard imple-mentation. Register in advance for this webinar.

Please see below for upcoming topics

October 28: Deconstructing the Computer Science Standards (Target Audience: K-5)

November 18: Deconstructing the Computer Science Standards (Target Audience: 6-8)

December 16: Computer Science Integration

Lastly, The CS Educator of the Year nomination form opens soon, so be sure to consider the educators you want to recognize, who are doing amazing work bringing equitable computer science education to students in V oing ama t Čđ wt e aeme lowu

Engaging All Learners

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Old Dominion University

The Center for Educational Partnerships

Have a question or feedback for us? Email TCEP@odu.edu

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