Pedagogy Pointers

Before learning computer skills, children should have a general understanding of what a computer is and how it functions. Children love to know how to set up a computer and operate it in order to carry out simple tasks. These computer skills

An engaging way to teach computer science is to provide young learners with unplugged coding activities using simple crafts. This month, try this activity: Design and build a robot using simple materials. You can also use this activity to introduce the concepts of computer programming and coding. The provided resources are aligned with VDOE CS K.5; 1.7; 2.7; 3.8; 4.8; 5.8; 6.8; 7.8 and 8.8.

Computer Science in the Commonwealth

The Virginia Department of Education, in partnership with Virginia Public Media, has developed new CS K-6 resources. These resources will serve as instructional materials when teaching the K-6 computing system standard and will be available to all ARCS participants for one year. Follow this link to access NASA’s Mars 2020 resources. These resources are anticipated to be released Summer/Fall 2023. Lastly, we encourage any educators and/or content experts who may be interested in serving on the 2017 Computer Science Standards Revision Committee, to submit a completed proposal by Friday, March 24, 2017.