CODING UNPLUGGED: DANCING OUR WAY THROUGH CODING

Coding doesn't always have to be done on a computer! Using rainforest animals as inspiration, dance movements will become the basis for creating a code or algorithm by which students will determine how they will move through the classroom.

International Society for Technology in Education (ISTE) Standards:

- Computational Thinker 5d Students understand how automation works and use algorithmic thinking to develop a sequence of steps to create and test automated solutions.

Kansas College and Career Ready Standards for Dance/Creative Movement:

- DA:Cr1.1.1 a. Explore movement inspired by a variety of stimuli (for example, music/sound, text, objects, images, symbols, observed dance, experiences) and identify the source.
- DA:Cr2.1.1 b. Choose movements that express an idea or emotion, or follow a musical phrase.
- DA:Pr5.1.1 b. Move safely in general space through a range of activities and group formations while maintaining personal space.

Classroom teacher does not need to provide any materials or do any advanced preparation.

Program Connection Information

Please use an external microphone (conference style) rather than the integrated one in the computer for the audio for your class and locate it centrally in the room. It can be difficult for the Greenbush teacher to hear the students using the computer microphone and therefore it reduces the interactive nature of the lesson. It is fine to use the computer webcam for your video source.

All classes will take place using Zoom desktop video. If your building is already set up to use a desktop video application with a computer, simply open a browser and enter https://zoom.us/j/3662120241 in the URL space. You may need to download Zoom launcher software (free download) if you don't already have it. This needs to be done in advance of the lesson.

If using a Polycom video conferencing unit (or any legacy type video conferencing unit) to connect to a ZOOM conference, make sure the unit is in "encrypted mode" then dial the following IP on the internet: 162.255.37.11 or 162.255.36.11 and once connected, they will ask for a MEETING ID: enter 3662120241 (for Sharon at Science Center).

It's always a good idea to touch base with your district technology facilitator prior to your program to make sure all systems/equipment are in place and operational and that there aren't any firewalls in place that might prevent you from connecting to Zoom.

Once you connect, you will enter a Zoom waiting room. Your Greenbush teacher will admit you into the final meeting room.

If you have questions, please call Sharon Bertolio at Greenbush, 620-724-6281, or email at sharon.bertolio@greenbush.org (best method of contact).