Student Engagement and Wellbeing Through Citizen Science & Outdoor Learning with Movement

Sites, Links, Directions

It can be assumed that with minor adjustments these sites can be used with any grade level. Educators have added notes or descriptions if helpful info is essential.

1. Today we will be using inaturalist as an educational tool. Feel free to use this time to download the app in your app store (recommended) or create an account through inaturalist.org. iNaturalist allows you to observe and record your findings, then share and discuss it with fellow naturalists.

*See back for more resources!
2. Hands on the Land: https://www.handsontheland.org/ This is a network of field classrooms.

3. Project Bud Burst: https://budburst.org/ This site has instructions on how to get started for educators, projects, and data.

4. eBird: https://ebird.org/home This tool can transform your student bird sightings into lessons in scientific research, ELA, math, and social studies.

5. Journey North: https://journeynorth.org/ This is a site for flying migration data observation.

6. Nature's Notebook: https://www.usanpn.org/natures_notebook This site offers many resources for observations and data collection ideas.

7. Project Noah: https://www.projectnoah.org/ Project Noah is a tool that nature lovers can use to explore and document local wildlife.

8. Aqua Bugs: https://www.iwla.org/conservation/water/save-our-streams/aqua-bugs Download AquaBugs in your AppStore. This app allows you to easily identify aquatic macroinvertebrates in the field and share data.

9. https://www.youcubed.org/ - This site is for inspirational math tasks and ideas. We must keep our students moving and keep math outside to help transform “negative mathattitude.”


11. The Great Smoky Mountains Institute at Tremont: http://gsmi.org/ These folks have been doing Citizen Science a long time and are a helpful resource for any activities or data collections questions you may have.

12. This is a folder that the educators at Ivy Academy created which contains examples of outdoor learning time and citizen science for all subjects grades 6 - 12. You are welcome to view the examples in the folder: https://drive.google.com/drive/folders/13_7809Tl2oin0Jst585S0qZy2R_Hdw4L?usp=sharing

13. Get the kids outside: https://www.cbsnews.com/video/new-study-links-phone-use-and-mental-health-issues-in-teens/?fbclid=IwAR3oWk0kuVj_hyKDAaa2qkneq7fKbAAVFgNzq9qyMYXlvQnXStU8sy4v-0


Remember that you may contact us at www.ivyacademychattanooga.com Check the staff listing to click on our email, and feel free to reach out to any of us.