



VR Burnt Mill Creek Experience

Location: Classroom

Time: 1 hr

General Lesson Overview: Provide students with an immersive experience seeing and making observations of Burnt Mill Creek. This is a general overview of the creek from the headwaters to where it flows into a larger creek, Smith Creek.

Materials:

VR headsets and phones with Expeditions Pro App downloaded

Tablets with Expeditions Pro App downloaded

Wi-Fi router

Internet for downloading the tour onto the tablet <https://tours.expeditionspro.com/tour/7929>

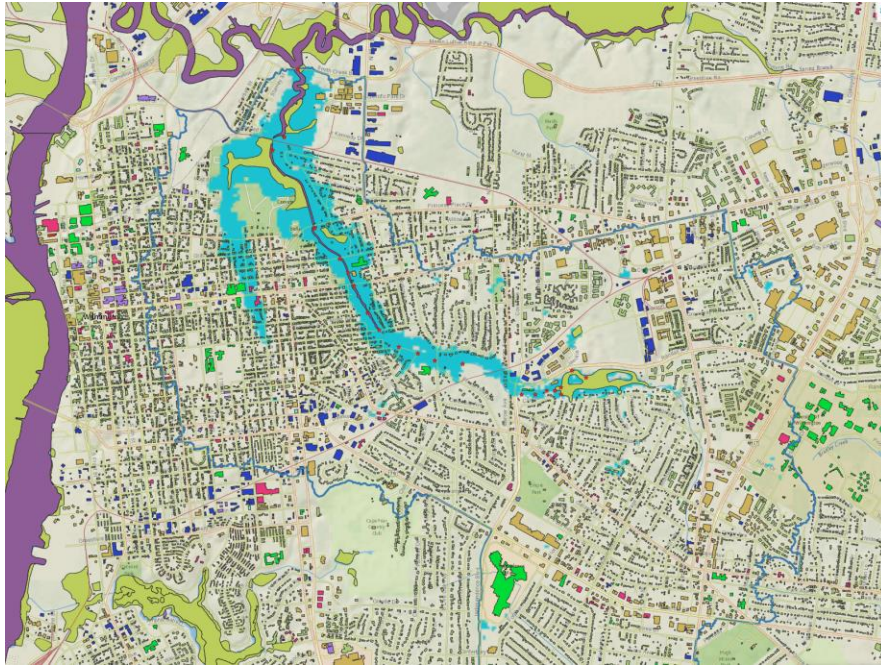
***UNCW CESTEM has VR sets available for check-out with the completion of a training course.

Prep:

- Before students arrive, you will need to set up the VR headsets. The phones in the headsets must be charged, have the same version of the app as the teacher tablet, and be connected to the no internet Wi-Fi router if you are using the CESTEM set.
- You must download the tour on the teacher tablet under your specific user account while on the internet.

Procedure:

1. Today we are going to go on a virtual field trip hike along Burnt Mill Creek. Using a projected map like the one below, tell the students where they will be going. Headwaters to where the creek joins a larger creek called Smith Creek.



2. Before students put their headsets up to their faces, please review VR rules and expectations of listening while on the tour.
 - a. You can stand or sit with the VR headsets. Do not walk.
 - b. It's ok if you start to feel a little woosie. Just set down your headset. We have a few tablets that we can pass out so that you can still participate.
 - c. At each tour stop you will have about a minute to look around on your own and be amazed. Once I call everyone back, please stop talking so that everyone can hear.
 - d. The instructor leads the field trip and will be the one who changes the scene.
3. Let's go! The leader/instructor uses the scene description and asks observation-based questions to keep students engaged.

Trouble shooting

- Make sure the phone is on the correct wi-fi.