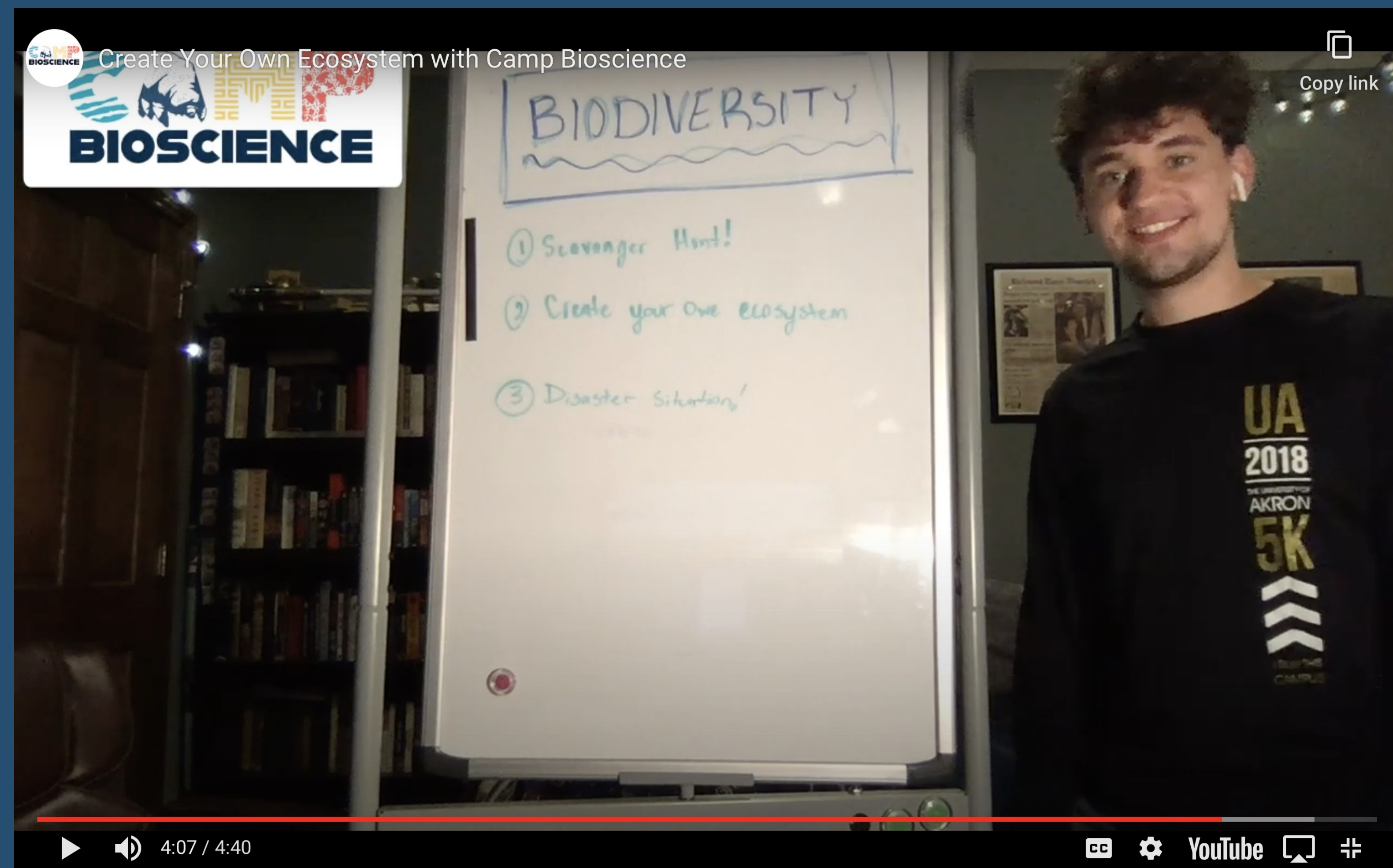


Going virtual: Science summer camp in a digital world



In the summer of 2020, many informal education programs were shut down due to safety concerns during the world-wide COVID-19 pandemic. Our summer camp, Camp Bioscience, was one of the camps unable to operate in person due to strict regulations and the desire to protect the wellbeing of campers and staff. We decided to create a virtual summer camp program to continue providing a free, biology-based summer camp for local upper elementary/lower middle school students. Children were given data from scientific experiments to analyze, along with video explanations and worksheets for guidance. We also provided additional activities using items easily obtained or found at home, all within the biology theme. This poster explains the process of converting a camp to a virtual experience and the challenges we faced in doing so.

We created videos to teach biology lessons and introduce activities



Activities consisted of worksheets, data sets, and other materials

Instructions: Visit three locations where you might see birds (bird-feeder, on/around a tree, a garden, etc.) and make observations in each spot for a span of 10 minutes. Count the number of each species of bird you see at each location. You may see many of the same species, and you may not see any of a species. Record the time of day and location you are making your observations. If there is any additional information you would like to record, do so in the space below the table. Fill out one of the tables below for each location you visit (three tables total).

Time of Observations:

Location of Observation:

| Bird Type | Number of Visitations |
|----------------------|-----------------------|
| Cardinal | |
| Blue Jay | |
| Crow | |
| Grackle | |
| Finch | |
| Red-Winged Blackbird | |
| Sparrow | |
| Dove | |
| Robin | |
| Hummingbird | |

Additional Observations:

Finished website



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