

Buzzard Rock Reservoir

Topic

6th Grade Science

Goals/Objectives

6.4A-G

6.5A-C, F, G

6.1A, B, C, D, E, F, G, H, I, J, K

6.7 A-G

6.9A-D

Theme

Water And Matter

Scenario

The city of Roanoke is considering the construction of a new reservoir to serve the SE community. The proposed location of the new reservoir is beside the Roanoke River on what used to be an Indian Settlement. You have been tasked to assess the impact of this project on the community, and develop a cost/benefit analysis. You will present your findings to the town council.

Culminating Activity

The town council has charged you with the task of creating a presentation of your findings.

Problem Question

How can we manage the effect of a new reservoir beside the Roanoke River on the old Buzzard Rock Indian Settlement?

Student Role

Research Assistant for the SW VA water Authority.