



## Land Beneath Your Feet

Target Grade: 6<sup>th</sup> and 9<sup>th</sup>

The students will be introduced to the geology of Virginia. They will examine how the landforms they see and use today developed over millions of years.

### Format & Requirements

- The Land Beneath Your Feet is available for checkout as a conservation capsule.

### Activities & Resources

- Conservation capsule includes Teacher Resource Notebook.
- The Land Beneath Your Feet conservation capsule comes with supplies for Plate Tectonics Puzzle Activity, Delta in a Jar Activity, How Did That Shell Get Way Up There Activity, an assortment of large foam models for plate tectonics demonstrations, an assortment of DVDs, field guides, books, and geology flashcards.

### Standards of Learning

#### Science

- ES.8 The student will investigate and understand geologic processes including plate tectonics. Key concepts include a) how geologic processes are evidenced in the physiographic provinces of Virginia including the Coastal Plain, Piedmont, Blue Ridge, Valley and Ridge, and Appalachian Plateau; b) processes (faulting, folding, volcanism, metamorphism, weathering, erosion, deposition, and sedimentation) and their resulting features; and c) tectonic processes (subduction, rifting and sea floor spreading, and continental collision).
- This program can be used to cover 5<sup>th</sup> grade Earth Science SOLs as well, but will most likely be too advanced for that grade level.