

7.5.1 e3B Adaptations on the Web Narrative

Time: 45-60 minutes	Anchor Phenomenon: Why do your fingers get wrinkled in water?
Big Idea: Certain traits can affect an organism's probability of survival.	
CCCs <u>Structure and Function</u> , <u>Patterns</u>	Practices Construct an Explanation

EPISODE SNAPSHOT: Students will obtain information and gather evidence as they learn about a variety of organisms and their environments.

GATHERING

Students are asked if they can name an organism that is well-*adapted* to its environment. As students think about this, they also think of specific ways the organism is well-adapted to its environment. Students then complete an adaptations webquest, where they will investigate various real organisms to discover specific adaptations these organisms have.

REASONING

As students complete their webquest, they must process the information to be able to specify what an adaptation is and how it helps organisms survive in their specific habitats.

COMMUNICATE

Students communicate their understanding by analyzing the information they have collected to explain what an adaptation is and how it can help an organism survive and reproduce.

Assessment: Students should be able to clearly communicate how adaptations are specific traits that help organisms survive and use evidence from their web quest to support their statements.	Materials, resources, handouts, etc. - Computers 7.5.1 e3B AdaptationsOnTheWeb Websites for web quest: - How Animals Meet Their Needs: http://www.harcourtschool.com/activity/animalneeds/animals.swf - National Park Service Adaptations: http://www.nps.gov/anch/upload/ourWildNeighbors.swf - Living Things in Their Environment: http://www.eduplace.com/kids/hmsc/activities/simulations/gr3/unitb.html - Interactions Among Living Things: http://www.eduplace.com/kids/hmsc/activities/simulations/gr5/unitb.html - Search & Spot: https://www.scholastic.com/magicschoolbus/games/habitat/ - Mission Adaptation: http://www.planet-science.com/categories/under-11s/games/2010/09/mission-adaptation.aspx - Switch Zoo: http://www.switchzoo.com/zoo.htm - What's a Sea Otter: http://www.alanbrimm.com/mbay/otter/whatsanotter01.swf - Wild Kratts: http://pbskids.org/wildkratts/creaturepedia/
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