

i3 STC Kit Extension Activities

North Carolina

Grade: 7	
Kit Name: <i>Studying the Development and Reproduction of Organisms</i>	
Essential Standard(s): (List number, standard, clarifying objectives where appropriate) 7.L.1.1 Compare the structures and life functions of single-celled organisms that carry out all of the basic functions of life including: euglena, amoeba, paramecium, volvox	
Unpack the Standard (What does it mean?? What is the “Big Idea”?): Students will be able to identify basic functions of the euglena, amoeba, paramecium, and volvox	
What is the Engaging (will get the student interesting) Essential Question that the students will be trying to answer as a result of this Extension? What are the basic functions of the euglena, amoeba, paramecium, and volvox?	
Which activities in the kit touch on the Standard(s) and how can they be adjusted to better address the Standard(s)? This kit does not directly teach this essential standard, but this activity should follow Lesson 4 of the kit.	
Kit Activity	Extension Suggestions
Additional Suggestions (Literature connections; online resources): After teaching Lesson 4 of the kit teachers will then go to the following website: http://www.learnnc.org/lp/editions/proto-zoo-ology/7475 Using this website, students will gain a better understanding of the functions of the euglena, amoeba, paramecium, and volvox. Teachers may choose to make a foldable using the form listed in handouts in the “It’s A Zoo Out There” lesson on Learn NC. Teachers may show students animations of the four specific single celled organisms using the following websites: Paramecium: www.dnatube.com/video/287/Paramecium Amoeba: www.dnatube.com/video/1451/Large-active-amoeba Euglena: www.sgprotist.wordpress.com (scroll for animation) Euglenaanimation.flv you tube Vovlox: www.dnatube.com/video/1152/observation of a volvox under a microscope	