

## Global Pandemic CAMP TEKS

The following TEKS are embedded in this CAMP:

**Science TEKS:**

**4.3(A)** Analyze, evaluate, and critique scientific explanations by using evidence, logical reasoning, and experimental and observational testing

**6.3(A)** analyze, evaluate, and critique scientific explanations by using empirical evidence, logical reasoning, and experimental and observational testing, so as to encourage critical thinking by the student

**6.12(A)** understand that all organisms are composed of one or more cells

**6.12(B)** recognize that the presence of a nucleus is a key factor used to determine whether a cell is prokaryotic or eukaryotic

**7.12(E)** compare the functions of cell organelles to the functions of an organ system

**7.12(F)\*** recognize the components of cell theory

**7.3** The student uses critical thinking, scientific reasoning, and problem solving to make informed decisions and knows the contributions of relevant scientists.

**8.11(B)** explore how short-and long-term environmental changes affect organisms and traits in subsequent populations

**B.4(A)** compare and contrast prokaryotic and eukaryotic cells, including their complexity, and compare and contrast scientific explanations for cellular complexity

**B.4(B)** investigate and explain cellular processes, including homeostasis and transport of molecules

**B.4(C)** compare the structures of viruses to cells, describe viral reproduction, and describe the role of viruses in causing diseases such as human immunodeficiency virus (HIV) and influenza

**B.5(B)** describe the roles of DNA, ribonucleic acid (RNA), and environmental factors in cell differentiation

**B.6(A)** identify components of DNA, identify how information for specifying the traits of an organism is carried in the DNA, and examine scientific explanations for the origin of DNA

**B.6(B)** recognize that components that make up the genetic code are common to all organisms

**B.6(C)** explain the purpose and process of transcription and translation using models of DNA and RNA

**B.10(C)** analyze the levels of organization in biological systems and relate the levels to each other and to the whole system

## **ELA TEKS**

**E1.1(A)** engage in meaningful and respectful discourse by listening actively, responding appropriately, and adjusting communication to audiences and purposes

**E1.1(D)** participate collaboratively, building on the ideas of others, contributing relevant information, developing a plan for consensus building, and setting ground rules for decision making

**E1.4(F)** make inferences and use evidence to support understanding

**E1.5(F)** respond using acquired content and academic vocabulary as appropriate

**E1.10(C)** Compose **argumentative texts** using genre characteristics and craft **(R)**

