

Environmental Engineering CAMP TEKS

The following TEKS are embedded in this CAMP:

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

4.4(A) collect, record, and analyze information using tools, including calculators, microscopes, cameras, computers, hand lenses, metric rulers, Celsius thermometers, mirrors, spring scales, balances, graduated cylinders, beakers, hot plates, meter sticks, magnets, collecting nets, and notebooks, timing devices; and materials to support observation of habitats of organisms such as terrariums and aquariums

5.2(B) ask well defined questions, formulate testable hypotheses, and select and use appropriate equipment and technology

5.2(D) Analyze and interpret information to construct reasonable explanations from direct (observable) and indirect (inferred) evidence

5.2(F) communicate valid conclusions in both written and verbal forms

5.4 The student knows how to use a variety of tools and methods to conduct science inquiry.

6.2(E) analyze data to formulate reasonable explanations, communicate valid conclusions supported by the data, and predict trends

C.3(E) describe the connection between chemistry and future careers

I.4(A) describe and calculate an object's motion in terms of position, displacement, speed, and acceleration

E1.1(C) give a presentation using informal, formal, and technical language effectively to meet the needs of audience, purpose, and occasion, employing eye contact, speaking rate such as pauses for effect, volume, enunciation, purposeful gestures, and conventions of language to communicate ideas effectively

E2.1(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

E4.5(J) defend or challenge the authors' claims using relevant text evidence

E.3.10(C) compose **argumentative texts** using genre characteristics and craft

