



C² Pipeline



Enrichment Lesson Plans Overview

Enrichment Title	Anatomy in Clay
Enrichment Objective	Familiarize and educate about the anatomy and chemistry of the human body utilizing hands on activities
Grant Alignments & Objectives Addressed	<ul style="list-style-type: none"> • 48.5% of regularly attending students will improve their reading grade by half a letter grade • 48.5% of regularly attending students will improve their math grade by half a letter grade • 77% of regularly attending students will improve in teacher-rated homework completion and class participation • 85% of regularly participating students will report improvements in other school subjects
Partner Alignment	<ul style="list-style-type: none"> • School of Medicine • College of Nursing • College of Pharmacy and Health Science • College of Education, Center for School Health
Academic Subjects	<p>Core Academic Subjects: Science (Anatomy, Chemistry & Biology)</p> <p>Auxiliary Academic Subjects: Art</p>
Standards to Address	<p>Next Generation Science Standards</p> <p>HS – LS1 – 1 HS – LS1 – 2 HS – LS1 – 3</p>
College & Career Readiness Skills Addressed	<p><input checked="" type="checkbox"/> Technology & Tools</p> <p><input type="checkbox"/> Argument & Reasoning</p> <p><input checked="" type="checkbox"/> Communication & Collaboration</p> <p><input checked="" type="checkbox"/> Problem Solving</p>
Personal Enrichment Categories	<p>Students will learn, explore, simulate and recreate the body systems while being enriched in the areas consistent with the 21st CCLC federal legislation, including:</p> <ol style="list-style-type: none"> 1. Health and wellness programming
Life Skills	<ul style="list-style-type: none"> • Public Speaking • Problem Solving • Critical Thinking

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Duration of Enrichment	4 terms – 31 weeks
# of Students & Staff Involved	15 students: 1 staff
Frequency of Enrichment	Meets 1 time per week
Week by Week Timeline SUGGESTED ACTIVITIES If an activity is used that is not listed, please turn in the lesson plan to the Site Coordinator with the ARS. SC will forward to the C2 office.	Week 1: Body Scavenger Hunt Week 2: Human Anatomy Puzzle Week 3: Larger Than Life: Human Anatomy Week 4: Intro to the Body Systems Week 5: Body Systems Challenge Week 6: Anatomy in Clay: Directional Week 7: Anatomy in Clay: Directional continued Week 8: Practice with Clay Weeks 9-11: The Skeletal System Weeks 12-14: The Digestive System Weeks 15-16: The Urinary System Weeks 17-19: The Cardiovascular System Weeks 20-22: The Respiratory System Weeks 23-24: The Nervous System Weeks 25-26: The Lymphatic System Week 27: The Endocrine System Weeks 28-29: The Muscular System Week 30: The Integumentary System Week 31: Wrap Up & “Tony” Funeral
Expected End Result/Product	Heightened awareness of human anatomy Heightened interest in a medical career Improved grades in science classes
Connection(s) to Regular School Day	**See specific School Improvement Plans and Building Collaboration Guides to observe how this enrichment connects to the regular school day in each site This enrichment plan is directly aligned to the Next Generation Science Standards
Adult Family Member Literacy and Involvement	<ul style="list-style-type: none"> • Each site will be encourage to invite families into programming to observe what is going on it the enrichment • Designs from the enrichment will be displayed at each of the sites during open houses and family events

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Educational Research	
Additional Resources Used **As additional resources are shared, this section will be updated.	<ul style="list-style-type: none"> - Anatomy matching Game http://www.anatomyarcade.com/games/matchingGames/MatchABone/matchABone.html (anatomy games and videos) - http://hes.ucfsd.org/gclaypo/skelweb/skel01.html#help (skeletal games) - http://kidshealth.org (teen health straight talk) - http://www.mayoclinic.org/diseases-conditions/heart-disease/multimedia/circulatory-system/vid-20084745 (video how the heart works the circulatory system) - Eggspert Classic Buzzer System (game) - http://www.innerbody.com/image/unnov.html (virtual images of the inner body) - www.free-anatomy-quiz.com

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