

Integrated Technology Lesson Plan

Name: T. Wood	School: Truman Middle School	Date:
Focus/ Topic/ Title: Effective Communication/ Critical Thinking		
Content Area: Science and Technology	Grade: 6/ 7/ 8	Duration: 50 min.
<p>Essential Questions:</p> <p>How important is communication?</p> <p>What are the elements of effective communication?</p> <ul style="list-style-type: none"> • Organization (logical arrangement and sequence) • Clarity: word choice • Correctness: rules and conventions of spelling, grammar, punctuation, usage • Perspective: recognize there are two sides to communication: Interpret messages accordingly. 	<p>Science Standards:</p> <p>Science 6) Interpret events by sequence Science 7) Communicate steps Science 8) Evaluate the accuracy and reproducibility of information</p> <p>Technology Standards:</p> <ul style="list-style-type: none"> • Students communicate the process of technological design • Students use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences • Students use productivity tools to collaborate in constructing technology-enhanced models • Students use technology resources for solving problems and making informed decisions. • Students employ technology in the development of strategies for solving problems in the real world. <p>Language Arts Standards</p> <ul style="list-style-type: none"> • Revise writing to improve organization and word choice after checking the logic of the ideas and the precision of the vocabulary. • Write technical documents: <ol style="list-style-type: none"> a. Identify the sequence of activities needed to design a system, operate a tool, or explain the bylaws of an organization. 	
<p>Assessment (summative):</p> <p>Informal:</p> <p>Students who have reproduced the model from the written procedure will have demonstrated understanding of the effective elements.</p> <p>Students will write about:</p> <ol style="list-style-type: none"> 1) The elements of effective communication, 2) How these elements influenced their level of success to create a replica of the model created. 	<p>Differentiation:</p> <p>Inherent to the activity</p>	

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The Lesson (Continued)	Pacing:
<p>Closing/ Summarizing:</p> <p>What are the elements of effective communication? Why were some models closer replicas to the original?</p> <p>In your writing journals this week, write about:</p> <ul style="list-style-type: none"> • How communication from the other side of the chat board influenced your level of success to create a replica of the original model. In your writing entry, be sure you have identified the elements of effective communication? 	<p>5 min.</p>
<p>Instructional Strategies:</p> <ul style="list-style-type: none"> • Model Building • Simulations • Guided Questioning 	<p>Differentiation:</p> <p>Inherent to the activity</p>
<p>Resources and Materials</p> <ul style="list-style-type: none"> • Apollo 13 movie clip • Simple Machines Lego kits • 1 computer / 2 students • Chat server software 	<p>Differentiation:</p> <p>N/A</p>
<p>Homework and Practice:</p> <p>None</p>	<p>Differentiation:</p> <p>N/A</p>
<p>Data Collection Strategies:</p> <p>None</p>	
<p>Notes/ Reflections:</p>	