

Technology RUBRICS - Level 6

Communications & Application Tools TL.CA 6.01

TL.CA 6.01 Locates, compares, and uses varied text and numeric software and its relation to other productivity software to meet educational goals.

	Advanced	Proficient	Developing	Emerging
Spreadsheets, word processing	<ul style="list-style-type: none"> Teaches others how to describe several advantages and disadvantages of 3 or more types of word processing and spreadsheet software that is open source and proprietary for meeting the educational goal. Teaches others how to identify, use and evaluate the most efficient and effective software for completing the required educational goals. 	<ul style="list-style-type: none"> Describes several advantages and disadvantages of 3 or more types of word processing and spreadsheet software that is open source and proprietary for meeting the educational goal. Identifies, uses and evaluates the most efficient and effective software for completing the required educational goals. 	<ul style="list-style-type: none"> Describes several advantages and disadvantages of 1-2 types of word processing and spreadsheet software that is open source and proprietary for meeting the educational goal. Identifies the most efficient and effective software for completing the required educational goals. 	<ul style="list-style-type: none"> Is aware of advantages and disadvantages of 1 type of productivity software that is open source or proprietary. Is able to explain how the software is efficient and effective for completing required educational goals.

Communications & Application Tools TL.CA 6.02

TL.CA 6.02 Help others to evaluate available productivity software including open source and proprietary software.

	Advanced	Proficient	Developing	Emerging
Productivity Software	<ul style="list-style-type: none"> Teach others a process for identifying, categorizing, and evaluating productivity software to meet another persons personal or work place needs. 	<ul style="list-style-type: none"> Help others to identify, categorize, and evaluate productivity software to meet their personal or work place needs. 	<ul style="list-style-type: none"> Identifying, categorizing, and evaluating productivity software to meet personal or work place needs. 	<ul style="list-style-type: none"> Is of aware of identifying and categorizing productivity software to meet personal or work place needs.

Communications & Application Tools TL.CA 6.03

<i>TL.CA 6.03 Create educational tutorials for teaching others how to create different pieces of multimedia.</i>				
	Advanced	Proficient	Developing	Emerging
Multimedia	<ul style="list-style-type: none"> Teaches others how to set up tutorials for teaching multimedia applications as described in “proficient.” 	<ul style="list-style-type: none"> Choose 1 or more types of multimedia (video, animation, audio etc.) to create 3-4 tutorials to teach others how varied aspects of a chosen multimedia application works. (Tutorial on how to overlay music to a movie). The tutorials are publicly published for use. 	<ul style="list-style-type: none"> Choose 1 type of multimedia (video, animation, audio etc.) to create 1-2 tutorials to teach others how one aspect of a chosen multimedia application works. The tutorials are available for some. 	<ul style="list-style-type: none"> Identifies 1 type of multimedia (video, animation, audio etc.) to create 1 tutorial to teach others how one aspect of a chosen multimedia application works. The tutorial is begun and not published.

Communications & Application Tools TL.CA 6.04

<i>TL.CA 6.04 Creates collaborative educational content for web or teleconferencing learners using 3 integrated web communication tools.</i>				
	Advanced	Proficient	Developing	Emerging
Communication Tools	<ul style="list-style-type: none"> Teaches and helps others how to collaboratively create and teach standards-based lessons using 4 or more varied distance communication tools, including videoconferencing. 	<ul style="list-style-type: none"> Collaborates with peers, experts, and others using videoconferencing and 3 or more communication tools (i.e., email, websites, text messages, voIP etc.) to identify and create lessons based on standards. Lessons are taught using distance communication tools to emerging learners. 	<ul style="list-style-type: none"> Collaborates with peers and others using videoconferencing and/or 2 or more communication tools to identify and create lessons based on standards. Lessons are taught to local emerging learners. 	<ul style="list-style-type: none"> Collaborates with peers and others using videoconferencing to identify lessons based on standards to teach.

Ethics & Action TL.EA 6.01

<i>TL.EA 6.01 Explore intellectual property lawsuits and determine potential impact on the future.</i>				
	Advanced	Proficient	Developing	Emerging
Copyright	<ul style="list-style-type: none"> Teaches others how to identify and research an intellectual property lawsuit and show 4 or more positive and negative impacts on the present and future of informational technology. 	<ul style="list-style-type: none"> Identify and research an intellectual property lawsuit and show 4 or more positive and negative impacts on the present and future of informational technology. 	<ul style="list-style-type: none"> Identify and research an intellectual property lawsuit and show 2-3 positive and negative impacts on the future of informational technology. 	<ul style="list-style-type: none"> Begins to research an intellectual property lawsuit and knows of 1 or 2 positive and/or negative impacts on the future.

Hardware & Networking TL.HN 6.01

<i>TL.HN 6.01. Able to safely rebuild an operational computer from a supplied set of parts.</i>				
	Advanced	Proficient	Developing	Emerging
Hardware	<ul style="list-style-type: none"> Teaches others how to rebuild an operational computer from supplied set of parts. 	<ul style="list-style-type: none"> Successfully completes rebuilding an operational computer from supplied set of parts. 	<ul style="list-style-type: none"> Describes how to rebuild an operational computer from supplied set of parts. 	<ul style="list-style-type: none"> Understands how to rebuild an operational computer from supplied set of parts.

Hardware & Networking TL.HN 6.02

<i>TL.HN 6.02 Identifies, learns and uses 1 programming language.</i>				
	Advanced	Proficient	Developing	Emerging
Software Programming	<ul style="list-style-type: none"> Recruits peers into an approved University Computer Science course or IT Professional Certification program. 	<ul style="list-style-type: none"> Successfully completes an approved University Computer Science course or IT Professional Certification program. 	<ul style="list-style-type: none"> Successfully completes a post-secondary technology program. 	<ul style="list-style-type: none"> Begins an approved University Computer Science course or IT Professional Certification program.

Hardware & Networking TL.IN 6.01

<i>TL.IN 6.01 Contributes regularly to global digital information in chosen content or interest area. (I.e. Wikipedia, Blog etc.)</i>				
	Advanced	Proficient	Developing	Emerging
Digital Information Collaboration	<ul style="list-style-type: none"> Teaches others how to independently and regularly (i.e. weekly) creates new and referenced digital information to share with other digital global communities that requires collaboration with peers and/or business partner.. 	<ul style="list-style-type: none"> Independently and regularly (i.e. weekly) creates new and referenced digital information to share with other digital global communities that requires collaboration with peers and/or business partner. 	<ul style="list-style-type: none"> Independently and irregularly creates new and/or referenced digital information to share with other digital global communities that requires collaboration with peers and/or business partner. 	<ul style="list-style-type: none"> Occasionally with some help will create or reference digital information with other digital global communities which require collaboration with peers and/or business partner.

Technology Level 6 - FINAL PROJECT

EVALUATION: (Skills = “know” / Analytical = “do” / Contextual = “live”)

	Advanced (Teaching Others)	Proficient (Mastered)	Developing (Almost There)	Emerging (Just Getting Started)
Technology Level 6 Final project	<ul style="list-style-type: none"> Models/teaches others how to schedule and complete an oral exam. Presents to others a comprehensive view of Tech Level 6 (audience will understand what is expected for each of the areas) and students will assess using the process standards rubric. 	<ul style="list-style-type: none"> Demonstrates mastery of Level 6 Tech standards through oral exam. Demonstrates at least one standard in each of the areas and all of the process standards. 	<ul style="list-style-type: none"> Demonstrates mastery of most of Level 6 Tech standards through oral exam. Demonstrates 1 standard in some of the areas and some of the process standards. 	<ul style="list-style-type: none"> Demonstrates mastery of some of Level 6 Tech standards through oral exam. Demonstrates standards in some of the areas.

**Final Project is at the discretion of the teacher and advisor. For older students, or students who easily have this level mastered, it may not be required.*Final Project is at the discretion of the teacher and advisor. For older students, or students who easily have this level mastered, it may not be required.*