

Technology RUBRICS - Level 5

Communications & Application Tools TL.CA 5.01

TL.CA 5.01 Uses technology for text and numeric information as a power user by programming the software or using advanced features such as databases, mail merges macros, or tools, address book, portfolio, fundraising record, reading list, etc.

	Advanced	Proficient	Developing	Emerging
Word Processing and Spreadsheets	<ul style="list-style-type: none"> Teaches others how to consistently use advance features of word processing and spreadsheets (databases, mail merges, macros, tools etc.) to complete 2 real –life tasks in the school or work place. (Brochures, portfolios, fundraising records, etc.) 	<ul style="list-style-type: none"> Independently and consistently uses advanced features of word processing and spreadsheets (databases, mail merges, macros, tools etc.) to complete 2 real –life tasks in the school or work place. (Brochures, portfolios, fundraising records, etc.) 	<ul style="list-style-type: none"> Uses advanced features of word processing and spreadsheets with help (databases, mail merges, macros, tools etc.) to complete 1 real –life tasks in the school or work place. (Brochures, portfolios, fundraising records, etc.) 	<ul style="list-style-type: none"> Uses 1-2 advanced features of word processing and/ or spreadsheets with help (databases, mail merges, macros, tools etc.) on educational projects.

Communications & Application Tools TL.CA 5.02

TL.CA 5.02 Evaluates available productivity software including open source and proprietary software.

	Advanced	Proficient	Developing	Emerging
Productivity Software	<ul style="list-style-type: none"> Teaches others how to describe several advantages and disadvantages of 3 pieces of productivity software that is open source and proprietary. 	<ul style="list-style-type: none"> Describes several advantages and disadvantages of 3 or more pieces of productivity software that is open source and proprietary. 	<ul style="list-style-type: none"> Describes one or two advantages and disadvantages of 2 or more pieces of productivity software that is open source and proprietary. 	<ul style="list-style-type: none"> Is aware of advantages and disadvantages of 1 piece of productivity software that is open source and proprietary.

Communications & Application Tools TL.CA 5.03

TL.CA 5.03 Choose an advanced multimedia application to explore and produce meaningful content for your school or community. (I.e. 3D graphics, Flash etc.)

	Advanced	Proficient	Developing	Emerging
Multimedia	<ul style="list-style-type: none"> Teaches others how to use 1 multimedia application (i.e. Animation, 3-D etc.) to publish multimedia content to support the function of the school or work place. 	<ul style="list-style-type: none"> Identifies 3 Multimedia applications (i.e. Animation, 3-D etc.) and chooses 1 to produce and publish multimedia content to support the function of the school or work place. 	<ul style="list-style-type: none"> Chooses 1 Multimedia application with help (i.e. Animation, 3-D etc.) to produce and/ or publish multimedia content to support the function of the school or work place. 	<ul style="list-style-type: none"> Identifies Multimedia application with help (i.e. Animation, 3-D etc.) to produce and/ or publish multimedia content to support the function of the school or work place.

Communications & Application Tools TL.CA 5.04

<i>TL.CA 5.04 Participates in a distance communication course to further educational learning.</i>				
	Advanced	Proficient	Developing	Emerging
Communication	<ul style="list-style-type: none"> Teaches others how to Identify, chooses, and successfully participates in a distance communication course (i.e. blackboard, VTC etc.) that will successfully further educational learning and help to meet educational goals and standards using SMART goal setting. 	<ul style="list-style-type: none"> Identifies, chooses, and successfully participates in a distance communication course (i.e. blackboard, VTC etc.) that will successfully further educational learning and help to meet educational goals and standards using SMART goal setting. 	<ul style="list-style-type: none"> Identifies and chooses from 2-3 distance communication course (i.e. blackboard, VTC etc.) that will successfully further educational learning and help to meet educational goals and standards. 	<ul style="list-style-type: none"> Identifies 2-3 distance communication courses that will successfully further educational learning.

Ethics & Action TL.EA 5.01

<i>TL.EA 5.01 Share public content regarding copyright and copyright free material.</i>				
	Advanced	Proficient	Developing	Emerging
Copyright	<p>Teaches others how to:</p> <ul style="list-style-type: none"> Brainstorm, research and publicly publish 2-3 multimedia-rich (i.e. presentation, booklet, flash lessons etc.) materials to share about the legality and ethics of copyright. 	<ul style="list-style-type: none"> Brainstorm, research and publicly publish 2-3 multimedia-rich (i.e. presentation, booklet, flash lessons etc.) materials to share about the legality and ethics of copyright. 	<ul style="list-style-type: none"> Brainstorm, research and publicly publish 1-2 similar materials to share about copyright in general. 	<ul style="list-style-type: none"> Brainstorm, research copyright issues.

Hardware and Networking TL.HN 5.01

<i>TL.HN. 5.01 Safely opens and identifies the internal components of technology based tools.</i>				
	Advanced	Proficient	Developing	Emerging
Hardware	<ul style="list-style-type: none"> Teaches others how to demonstrate internal components of a computer by safely opening and identifying components. 	<ul style="list-style-type: none"> Demonstrates internal components of a computer by safely opening and identifying components. 	<ul style="list-style-type: none"> Describes internal components of a computer. 	<ul style="list-style-type: none"> Understands internal components of a computer.

Hardware & Networking TL.HN 5.02

TL.HN 5.02 Demonstrates LAN, WAN, WWW by setting up and accessing a network.

	Advanced	Proficient	Developing	Emerging
Networks	<ul style="list-style-type: none"> Teaches others how to set up LAN and WAN. Includes what types of access, band width, compatibility, and file sharing. 	<ul style="list-style-type: none"> Compares and contrasts LAN and WAN. Includes what types of access, band width, compatibility, and file sharing. 	<ul style="list-style-type: none"> Describes LAN and WAN. Includes what types of access, band width, compatibility, and file sharing. 	<ul style="list-style-type: none"> Understands some basic principles of LAN and WAN.

Information Literacy TL.IN 5.01

TL.IN 5.01 Demonstrates and helps others to use a variety of websites, search engines, applications to locate information etc. for personal needs.

	Advanced	Proficient	Developing	Emerging
Networks	<ul style="list-style-type: none"> Can teach others to independently and helps others to research, locate and organize a variety of types of information using technology tools (i.e. iGoogle) for any purpose. 	<ul style="list-style-type: none"> When requested or needed, can independently and helps others to research, locate and organize a variety of types of information using technology tools (i.e. iGoogle) for any purpose. 	<ul style="list-style-type: none"> Can research, locate and organize a variety of types of information using technology tools (i.e. iGoogle) with some guidance. 	<ul style="list-style-type: none"> Can research, locate and organize some types of information using with some guidance.

Technology Level 5 - FINAL PROJECT

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

	Advanced (Teaching Others)	Proficient (Mastered)	Developing (Almost There)	Emerging (Just Getting Started)
Technology Level 5 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 5 (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 5 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 5 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 5 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.*