

Syllabus : *Intro. to Technology* Mondays 11:00Am Library

Week	Description
1	<p><u>In Class:</u> Introductions, basics of hardware, importance of SAFETY – yourself, others and the equipment. Technology is fun – encouragement. Learn right from left, (time dependent) Blindfold Robotic Challenge.</p> <p><u>Homework:</u> Practice home keys (A S D F J K L)</p>
2	<p><u>In Class:</u> Review safety principals & skills, Left/Right. Review computer hardware; introduce software in the importance of coding. Keyboard challenge: find bumps on [F] and [J] different from every other keyboard key.</p> <p><u>Homework:</u> Review Class Exercises</p>
3	<p><u>In Class:</u> Review Hardware vs Software, safety principals & Left/Right, fundamentals of touch typing, Beginning keyboard types(QWERTY vs Dvorak) and beginning skills. Class Overview & Safety principals. Learn RSI (Repetitive Strain I.). Fun-(Example) coding exercise</p> <p><u>Homework:</u> Review class Exercises</p>
4	<p><u>In Class:</u> Review Hardware, software, and fundamentals of touch typing. Define a Computer’s CPU, Software more details (Algorithm), Touch Typing exercise review [home Row], importance of correct fingers, & Proper Typing Posture.</p> <p><u>Homework:</u> On_Line typing resource...</p>
5	<p><u>In Class:</u> Review Hardware + details(CPU, +), & Posture , Teach proper typing technique and importance of touch typing. Learn our “Number One Rule”. Begin teaching about I.D.E. Integrated Development Environment. In Class Exercises.</p> <p><u>Homework:</u> Note: Some students will need more review while other students excel and I encourage going ahead.</p>
6	<p><u>In Class:</u> Review past lessons, Review proper posture & technique and Number 1 rule. Overview our On_Line Resource {Pass Out Login Credentials}– Typing Jungle (with Lesson Plans); Each lesson is 1 -2 minutes. Begin lessons.</p> <p><u>Homework:</u> Note: Some students will need more review while other students excel and I encourage going ahead.</p>
7	<p><u>In Class:</u> Review with class questions. Review students performance. Coding Segment (teach with building blocks)</p> <p><u>Homework:</u> Note: Some students will need more review while other students excel and I encourage going ahead with the typing lessons.</p>
8	<p><u>In Class:</u> Review with class questions. Review students touch typing performance. Teach Flow Charts, expand knowledge about coding...</p> <p><u>Homework:</u> Note: Some students will need more review while other students excel and I encourage going ahead. Continued Top Row</p>

Welcome Intro. to Technology Students & Parents

Trinity is a great school, and we are glad you have selected our Introduction to Technology class for your schedule. We have seen the many benefits of Technology help students to succeed. **Learning builds confidence!**

Instructor: Coach Arthur Alton brings 30+ years of both Software Engineering experience and church youth leadership. Leading Children's Church, Missions trips, VBS, Summer Camps, soccer, and more. **He has a passion to encourage our next generation of leaders** and Trinity technology instructor since 2017.

Our class meets Mondays 11:00am in the Library. Please bring your notebook computer to every class. Please note: a Chromebook, MS Surface, or iPad will NOT work, because these O.S. do not support a "File Storage Structure"; (Please contact me for exceptions). Touch typing is an important skill for your student.

My goal is to spark a love for technology within your student.

Every class will have a short lecture & demonstration, hands on exercise(s), sometimes there will be downloads, fun kahoot & more. Downloads available: <https://www.alton4chess.com/trinity-introduction-to-technology.html>

Where to store your weekly Downloads:

Windows users: use {File Explorer}. Under(left side) "This PC" find "C:\\" we will create a new directory called c:\Trinity , (then a subfolder) Intro to Technology . This directory c:\Trinity\Intro_to_Technology

Will be the location for each week(s) subfolder, week1, week2, week3, ...

Mac Users: {Finder}, under Desktop , create new folder "Trinity" then a folder "Intro to technology" , under this folder you will create week1, week2,...

If you have any questions, please email me at: Arthur@safecs.com
(Please include your student's class name) There are 6 technology classes.