

Unit 1: Keyboarding

Content Area: **Generic Content Area**
Course(s): **Generic Course**
Time Period: **1 marking period**
Length: **MP 1**
Status: **Published**

Unit Overview

The goal of this unit is to model effective, accurate and proper techniques to others, how to input text and data, using touch keyboarding while completing a specific task in a specific core curriculum content. In this keyboarding unit, students will practice and enhance their typing skills through the use of the on line keyboarding resources and a keyboarding software program. The goal of this course is for students to increase their typing speed to 15-30 WPM with an accuracy of 85% by the end of MP 2.

Transfer

Students will be able to independently use their learning to...

1. Utilize the Touch Typing Technique
2. perform peer assessments with regard to posture, hand positioning, and looking at the monitor instead of the keys
3. Perform weekly one minuter typing tests
4. Using Google Sheets to keep track of their typing progress
5. utilize computer navigational skills such as scrolling and basic pointer skills and mouse selecting, highlighting, drop down menus, etc.
6. using keyboarding short cuts (ctrl+x, ctrl+c, ctrl+v)
7. Independently editing documents

For more information, read the following article by Grant Wiggins.

http://www.authenticeducation.org/ae_bigideas/article.lasso?artid=60

Meaning

Understandings

Students will understand that...

- fingers need to be placed on the home row.
- proper keyboard posture is necessary.
- how to touch type correctly.
- eyes should be looking at the screen or the copy, and not on the key board.

Essential Questions

Students will keep considering...

- What technology skills are necessary to be successful in school, work, and personal life?
- Which fingers belong on which keys?
- What happens when you don't use the correct finger to reach the correct key from the home row?
- What is the correct posture and technique for Touch Typing?
- How does bad posture affect your keyboarding skills?
- What can improve our WPM (Words per Minute)?

Application of Knowledge and Skill

Students will know...

Students will...

- understand that the keyboard is a data input device.
- recognize that letters typed on the keyboard are lower case unless the Shift Key is used.
- identify the location and function of the following keys: Enter, Escape, Space bar, Shift, Arrows, and Backspace.

- identify the location and function of the Tab Key.
- identify and properly use the mouse.

Students will be skilled at...

Students will be skilled at...

- using both hands simultaneously on the keyboard.
- using the correct technique for key striking and keying by touch.
- using correct hand-finger, home row, and pairing of fingers.
- identify keys on the right and left side of the keyboard.
- using the correct posture
- using home row and type without looking at hands.

Academic Vocabulary

Word Processing

Keyboard

home row

positions

keys

posture

technique

Touch Typing

accuracy

WPM (words per minute)

Shift

Enter

thumb

index finger

middle finger

pinky finger

ring finger

double click

mouse

essential

semi-colon

Internet

software

interactive

digital tools

application

multimedia

computer

monitor

printer

blog

write

Learning Goal 1

Students will demonstrate proper computer lab behavior as well as proper typing position. They will also be able to describe the key parts of the computer.

LA.W.5.6

With some guidance and support from adults and peers, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of two pages in a single sitting.

TECH.8.1.5

Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.

TECH.8.1.5.A.1

Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

Target 1 (Week 1)

Students will know how to properly enter and exit the computer lab, by logging onto the computer, and cleaning up before they leave.

Students will demonstrate proper keyboarding position with fingers on the home row.

Target 2 (Week 2)

Students will be able to differentiate between useful and not useful Internet sources. They should also be able to identify school appropriate websites.

Learning Goal 2

Students will show proper typing technique and increase their typing ability to 25 WPM with 80% accuracy.

LA.W.5.6	With some guidance and support from adults and peers, use technology, including the Internet, to produce and publish writing as well as to interact and collaborate with others; demonstrate sufficient command of keyboarding skills to type a minimum of two pages in a single sitting.
TECH.8.1.5	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
TECH.8.1.5.A.1	Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

Target 1

Students will use a web based computer program to increase their typing ability. They should recognize they home row keys as well as other essential keys.

Summative Assessment

PreTest

Log Sheet

Unit Post Tests

21st Century Life and Careers

CRP.K-12.CRP1	Act as a responsible and contributing citizen and employee.
CRP.K-12.CRP2	Apply appropriate academic and technical skills.
CRP.K-12.CRP6	Demonstrate creativity and innovation.
CRP.K-12.CRP11	Use technology to enhance productivity.
CAEP.9.2.8.B.7	Evaluate the impact of online activities and social media on employer decisions.
TECH.8.1.5	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.

Formative Assessment and Performance Opportunities

Differentiation/Enrichment

- IEP/504 Modifications
- Self and peer reflection and collaboration
- Small Group Instruction
- Independent review of Video Instruction
- Review and Practice

Unit Resources

Computer Lab Workstations

Internet

Google Classroom and Google Docs

Microsoft Office

Teacher Handouts

Typing Web

Typing Club

Quia Games

How Stuff Works

Wacky Web Tales

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- Google Classroom
- Google Docs
- How Stuff Works
- Internet
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