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Alternative Input Devices and Emerging Technology
by
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WebQuest Description: Explain the uses of current and emerging alternative input devices.
Grade Level: 9-12
Curriculum: Technology
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microphone
pda
biometric device
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Introduction

You are a digital detective! The changing world of technology is why we have the need of current and emerging alternative input devices. New input devices are being invented daily and this will continue to change. You must research a current alternative input device AND find an emerging technology.

Tasks

 You will develop a Power Point presentation about a current input device.

 You will find an emerging technology and compile your research in a Word Document.
You will come back to this page to use your resources.
 Go to the next level for more details.

Process

• Come to the teacher's laptop and pull the lever on the fruit machine—this will determine which current input device you will research. Write it down!• Learn everything you can about your assigned item via the Internet using resources listed under "Task". Read the information and put the information into your own words-DO NOT SIMPLY COPY AND PASTE.
PART 1 OF YOUR INVESTIGATION: DEVELOP A POWER POINT PRESENTATION on the computer using PowerPoint to include the following information:1. What is your current input device named and what does it do?2. List in detail how the equipment can be used. Explain any technical terms and illustrate (show pictures) as much as possible. Give tips for using the item efficiently.3. Explain the situations where this item could be useful for students and business professionals, etc.4. Identify manufacturer, cost, and location of seller(s).5. Provide URL reference list (copy and paste the websites into the PowerPoint).6. Save the file as firstinitallastname INPUT DEVICE7. Place the file in the drop box folder: 4.00 INPUT DEVICE
PART 2 OF YOUR INVESTIGATION: COMPLETE A WORD DOCUMENT of an emerging Technology: 1. What is your emerging technology and what does it do? 2. Include picture(s) of your technology. 3. Provide URL reference list (copy and paste the websites into the Word Document) 4. Keep this document 1 page if possible. 5. Save the file as firstinitiallastname EMERGING TECH 6. Place the file in the drop box folder: 4.00 EMERGING TECH

Evaluation

Category and Score	Beginning 1	Developing 2	Very Good 3	Exemplary 4	Score
Stated Objective or Performance	Description of identifiable performance characteristics reflecting a beginning level of performance.	Description of identifiable performance characteristics reflecting development and movement toward mastery of performance.	Description of identifiable performance characteristics reflecting mastery of performance.	Description of identifiable performance characteristics reflecting the highest level of performance.	%25
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				Total Score	%100

Conclusion

Your detective work has paid off! You have increased your knowledge about current input devices and learned about emerging technologies!

Teacher Page

COURSE: Digital Communication Systems - North CarolinaUNIT: B Alternative Communication Input Devices and ConnectivityCOMPETENCY 4: Examine alternative input devices and connectivity.OBJECTIVE 4.01:Explain the uses of current and emerging alternativeinput devices.

Reviews

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