



Curriculum Development Team Training

Instructional Scenario

Title Ideas: What is the Internet of Things (IoT)?

Duty/Concept Area(s): 6670 34-42/Mastering Digital Technology Basics

Scenario:

You are going to create a presentation describing and illustrating the IoT to your classmates. In your presentation, you will explain the benefits/advantages and concerns/disadvantages of IoT and how IoT affects their daily lives.

Students' presentations will

- consist of seven slides
- include title, description, advantages, disadvantages, effects, conclusion, and works cited
- use at least two resources
- identify important words and include them on the notes pane
- print handouts including vocabulary words for an oral presentation
- use appropriate pictures that will appeal to the audience
- follow guidelines on the rubric.

The presentation software and rubric can be adjusted to meet student/teacher needs.

Big Question:

- What is *IoT*?

Focused Questions:

- What is *IoT*? (i.e., definition and examples)
- What are some benefits or advantages of the IoT?
- What are some concerns or disadvantages of the IoT?
- How does the IoT affect your life?

SOL Correlation:

English 9.5, 9.8, 10.5, 10.8

History and Social Sciences: GOVT 9, 15, VUS. 13

Project-Based Assessment:

Presentation on the IoT

- Create a presentation that students can present to classmates on the I.T. The presentation should have seven slides. Title, description, advantage, disadvantages, effects, conclusion, and works cited. Students should use at least two resources.
- Put important words/phrases on the slide and say or explain them on the notes pane so they can be printed for an oral presentation. Use appropriate pictures that will appeal to



Curriculum Development Team Training

your audience. Make sure to follow guidelines on the rubric. The presentation software and rubric can be adjusted to meet student/teacher needs.

Task	Points Possible	Points Earned	Comments
Title slide with your name (Slide 1)	1		
Description slide (Slide 2)	2		
Description slide notes	4		
Benefits/advantages slide (Slide 3)	2		
Benefits/advantages notes	4		
Concerns/disadvantages slide (Slide 4)	2		
Concerns/disadvantages notes	4		
Effect on daily life slide (Slide 5)	2		
Effect on daily life notes	4		
Conclusion slide (Slide 6)	2		
Conclusion notes	2		
Works cited slide in MLA format (Slide 7)	4		
Four appropriate pictures related to topic and audience	4		
Correct use of grammar, spelling, capitalization, and punctuation on slides	4		
Readability (Color scheme/font used appropriately)	2		
Correct use of transition/animation	2		
Total Points Possible	45		

Resources:

- Internet for research
- Presentation software
- Students can find their own resources for the project or use these samples:
 - [IoT - What is the Internet of Things](#) (Geospatial World)
 - [A Simple Explanation of 'The Internet of Things'](#) by contributor Jacob Morgan (Morgan)
 - ["What is the IoT? Everything you need to know about the Internet of Things right now"](#) by Steve Ranger (Ranger)

Works Cited

IoT-What is Internet of Things? (iot, IOT). Dir. Oracle, SAS, HUAWEI, TestTube, Western Digital, Lenovo, Kello, Panasonic, SAP, Ericsson Vodafone. Geospatial World. 2018.
 Morgan, Jacob. *A Simple Explanantion of 'The Internet of Things'*. 12 May 2014. 10 December 2018.



Curriculum Development Team Training

Ranger, Steve. *What is the IoT? Everything you need to know about the Internet of Things right now.* 21 August 2018. 10 December 2018