

iPad Activity - Addiction

Summary

Students will use iPads in groups to watch "The Neuroscience of Addiction Part 3 - Drugs in the Brain" from eMedia and then research how drugs affect the brain and cause addiction using "Foundation for a drug-free world" website. They will then create presentations on addiction using the "Educreations" app. They will learn about the long-term effects of drug abuse.

Main Core Tie

Health Education I (7-8)

[Strand 4: SUBSTANCE ABUSE PREVENTION \(SAP\) Standard HI.SAP.5:](#)

Materials

- iPads
- dongle to connect iPads to projector

Background for Teachers

Students will use the iPads to first gather information about addiction. They will view the video that has already been downloaded to each iPad from eMedia. They will then use Safari to search "Foundation for a Drug-Free World" and gather information from that website. They will then use the iPads to create presentations on addiction using the information they gathered. Each iPad needs to have the "Educreations" app. Students will use it to create their presentations. They must record themselves speaking over each slide. They will also be able to add images, words, and draw while they are recording the audio. Once each group has finished their presentation we will project the presentations on the board so that all students can view them. We will just connect them to the computer using the VGA adapter/dongle. iPads will be used as a student tool. Students will be researching and creating on the iPads nearly the entire time.

Intended Learning Outcomes

- Students will be able to identify the signs of addiction.
- Students will understand the process of addiction, effect on the brain and describe how that relates to the need for early professional intervention.

Instructional Procedures

Teacher will discuss the process of addiction.
Teacher will explain how to use the "Educreations" app.
Teacher will explain how students will use the app to create presentations about addiction.
Students will then use the iPads to create their presentations. Students will work in pairs. There will be one iPad per pair.
First, they will click on videos and watch the video titled "The Neuroscience of Addiction Part 3 - Drugs in the Brain" to gather information about addiction and how it affects the brain.
They then will use the "Foundation for a Drug-Free World" app to gather more information. They will then create a storyboard and script for their presentation before creating it on the "Educreations" app. In their presentation they must explain the process of addiction, how it affects the brain, what are the signs of addiction, how does someone become addicted...
They must explain the reward pathway and what role dopamine plays in it. They should explain the negative affects of addiction on self and society. They should then explain how addiction relates to the need for early professional intervention.

Once they have storyboarded they must create the presentation using the app. It should contain several graphics or drawings and should contain a recording using the script that was written. It should be colorful, engaging, clear, and educational.

Once the presentations are finished we will watch them as a class.

Strategies for Diverse Learners

Students may be paired with specific students for this activity to help meet their learning needs.

Extensions

Students may be asked to take their presentation home and teach their families about addiction.

Assessment Plan

The presentation that students create on the "Educreations" app will be the means of assessing the students knowledge on addiction. The rubric will be used to assess the presentation. After teacher/student discussion about addiction, teacher will use the fist-to-five method to determine how well students understand the process of addiction before they begin creating their presentations. If there is still confusion, re-teaching will be done until students understand.

Rubrics

[Educreations Addiction Presentation](#)

Authors

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