

SUBJECT AREAS:

Social science

ACTIVITY DESCRIPTION:

Students will watch the documentary about wildfires after which will answer the quiz about some important actions during similar situation that may occur.

OBJECTIVES:

- To learn what are wildfires and how do they start
- To learn how to act in case they find themselves near one

MATERIALS:

Projector and computer for the documentary or equipment you normally use and internet connection.

Mentimeter (or other) for the quiz

GRADE/LEVEL:

Secondary school (15-18)

DURATION:

Preparation time: 1 hour

Activity time: 1 hour/45 minutes

PLACE:

Classroom

AUTOR:

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Wildfires

INTRODUCTION:

Wildfires are one of the biggest disasters that do the most damage to our planet every year, threatening the lives of many people.

A wildfire is an uncontrolled fire that breaks out in an area full of combustible vegetation outside a built-up area or in a heath covered with trees and shrubs.

BACKGROUND:

Wildfires are one of the biggest threats for our planet and living beings, how they can be caused, what we should do to prevent them and how to act in case we are witnessing one.

Procedure:

Outline: Lesson will begin with a documentary about wildfires. Teacher can choose which documentary to show to the students, depending on the length, need for subtitles or other, here are some suggestions:
<https://www.youtube.com/watch?v=PxFdCrHB4Hs>
<https://www.youtube.com/watch?v=5hghT1W33cY&t=53s>

Instruction: If teacher choose to show the shorter one, maybe can show more then one or use the time for discussion with students.

After watching the documentary, it is important to check whether the students have the questions and whether things are clear.

Formative assessment: To motivate them to ask the questions, one could ask what causes fires/how they can be prevented (if possible)/how to react if they find themselves in such a situation. For the remaining time it is planned to take a quiz to check how much the students have understood from the lesson. For this purpose, Mentimeter can be used but also other as Kahoot or other.

Independent practice: Students can be asked to do a research and write the essay about wildfires that happened in your country (or if there is no one they can search about recent big wildfires that have occurred in some other country. It is necessary to list how it was caused, damage caused, when it happened.

FUN FACTS:

- *Most wildfires are caused by humans and can result from many kinds of activities. For example, a stray ember from a campfire can spark a blaze, or a spark from a car engine can ignite dry grass. Not all human-caused fires are accidental. Starting a fire on purpose, to hurt the environment, buildings, or people, is called arson. Arson is against the law and can have terrible consequences.*

ASSESSMENT:

Students should answer the following questions:

- How the wildfires can be caused?
- What damage do they cause?
- Where do they happen the most?

EVALUATION:

Students should research what resources their country has to prevent wildfires.