



**TOOL**

# Fire investigation



*Title* : Fire investigation | *Developed by* : Pyrénées-Orientales  
Department

*Topics* : Wildfires | *Website* : <https://www.ledepartement66.fr/>

## Description

The activity involves solving an investigation to determine the cause of a fire in a Mediterranean forest.

Key features:

- Cooperative;
- Involves the audience;
- Understanding the Mediterranean ecosystem.

### Duration

2h30

### Resources needed

- To use the tool, we need:
- Educational sheet and correction;
  - Audiospeakers;
  - Computer and projector.

### Age

Primary School : 5 to 11  
years old

### Relevance to CRISEPAC Objectives

This activity is part of the CRISEPAC project, which enables students to learn about Mediterranean forests and how to prevent fire.

### Expected outcomes

- Discover the Mediterranean forest and its main characteristics;
- Learn about the risk of fire and environmentally responsible behaviour;
- Learn to work with a team.

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### Management

All instructions are given as the investigation progresses. The teacher has to follow the guideline and helps the pupils to understand the instructions.

The teacher has to start the videos at each step.

### Risk prevention

This activity teaches students how a Mediterranean forest is composed and reveal how to protect it from the fire. Many activities can cause a wildfire and it's important to know how to behave in the forest.

## Others

### Weaknesses

- Time (2,5 hours)
- Specific to Mediterranean region

### Strengths

This activity, which is fun, interactive and partly paperless, is designed to be played in the classroom, in small groups and independently.

### Possible adaptations

The activity can be divided into several sessions and can be carried out in groups or individually.

### Climate change

The Mediterranean region is one of the most affected regions by global warming, because of an increase of heatwave, longer and hotter droughts and lower rainfall. As a result, the risk of forest fires is greater.

## Methodologies

First of all, you need to set up teams and bring them together around a table.

Each time the videos are launched, the students answer the questions asked in the video, either orally or in writing, depending on the instructions.

At each stage and with each character they listen to, information will be passed on and new knowledge will be acquired with the aim of solving the fire investigation.

All instructions are given as the investigation progresses.

Instructions link: <https://www.calameo.com/books/00535345849d8677e59b8>

Video links: <https://vimeo.com/ledepartement66/enquete-feu-de-foret/video/218591955>

Crédits / Extraits de film :

Département des Pyrénées-Orientales

IUT Perpignan

Film "O Pays des Forêts Catalanes" Initiation à la Forêt 2014

Film "Débroussaillage Réglementaire : une obligation pour bien se protéger " Communes Forestières 2014

(BERTRAND Emmanuel, BINGGELI François, Espaces méditerranéens, CEMAGREF, Photothèque FOMEDI, Collection VALENTIN, Communes forestières PACA, Département des Pyrénées Orientales, Direction Départementale des Territoires et de la Mer, Entente pour la forêt méditerranéenne, CEREN, JOLICLERCQ François, Environnement Gestion Aménagement, Service Départemental d'Incendie et de Secours du Var).

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**More informations : Le département des Pyrénées-Orientales - 04 68 85 85 85**