

DISCOVERING VOLCANIC LANDSCAPES ***Geographical fieldtrips for schools***



SPECIFIC VULCANISM

PROCESSES IN THE FORMATION OF VOLCANIC ROCKS: PYROCLASTS AND LAVA FLOWS

SITES VISITED

Croscat
Sant Joan les Fonts and its three lava flows

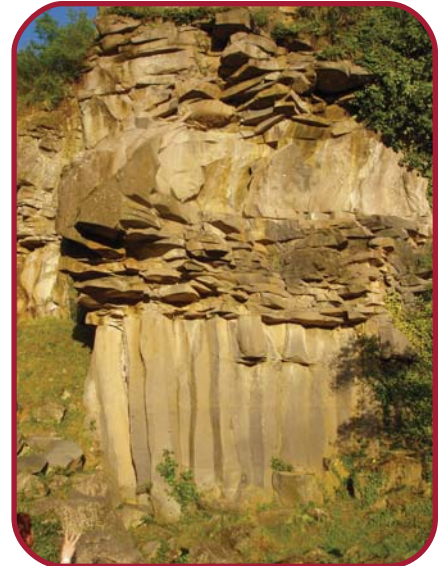
TOPICS

Plate tectonics
European Rift
Volcanic landscape: uses and resources

CONTENT

Types of eruptions and their outcomes
The influence of volcanoes on their surroundings
Volcanic materials: pyroclasts and basalt

Sustainable management in a Natural Park
Land-use in volcanic landscapes
Impact of tourism on the landscape



We meet at 10 a.m. in the car park at Santa Margarida to begin the visit to Croscat, the tallest and youngest volcano in the Iberian Peninsula. Here, we will learn about the structure of cinder cones, inside and out, and the nature of volcanic materials. As well, we will look at how a rural landscape adapts to and benefits from the presence of the volcanoes.

After lunch, we head off to Sant Joan les Fonts, where we will look at the basalt formed when a lava flow solidifies. We examine the lenticular formations and basalt columns formed as the lava flow cools and the three lava flows that coursed along the valley of the river Fluvià.

An ideal visit for discovering en situ the pyroclasts and basalts resulting from volcanic eruptions.