

## Nature Park of Bosco di Tecchie



# HEADING FOR ADVENTURE AND MORE....

When young people find themselves in a new environment they begin to measure up to each other. They run, climb, crawl and try to overcome obstacles such as rocks or trunks. They develop a spirit of adventure from which they can draw lessons and a more enhanced sensitivity.

The educational trail “journey of adventure” has been created from these reflections and has found the perfect place to experience an unforgettable adventure in the splendid torrents of Burano and Balbano.

The young participants wearing rubber boots reaching their thighs, lifejackets and helmets, will descend the torrent which is surrounded by breathtaking scenery. Aided by two expert guides they will descend spectacular bottlenecks covered by walls of Maidenhair fern sliding over emerald coloured water. The adventure will be accompanied by educational activities which will enable the participants to fall in love with the river environment and also to understand its complex nature.

### Teaching aims

- To learn about a reliable scientific model for research and observation.
  - To encourage a spirit of adaptability.
  - To stimulate hypothesis and corroboration.

### Educational objectives

- To exploit senses which are seldom used.
- To encourage empathy with the natural world.
- To acquire the ability to critically assess one’s own behaviour.

- To confirm the value of commitment and school work as a tool of knowledge, maturity and enjoyment.

### Target group

The educational project is aimed at junior and high school students

### Duration

3 days – 2 nights

### Period

From September to November and from March to June

### Sites

The Burano and Balbano torrents

### Accommodation

The San Crescentino Refuge and the hostel of Cantiano situated in the charming historical centre. The accommodation consists of rooms of 4/6/8 beds with shared facilities. Teachers are lodged in double rooms with bathroom.

### Outline of package

#### Day one:

We try to go up the river

#### Arrival

Welcoming activities: Socialisation and bonding activities -

This is a series of activities which will encourage the participants to become more familiar with the places where they will be staying for the next few days:

Settling in to hostel.

#### Lunch

Physical activities: Going up the torrents – Short ascent of the torrent to test materials (rubber boots, helmet and lifejacket) and to become familiar with the torrent beds.

Sensorial scientific activity: What is the water like? – Establish with a fair degree of accuracy the quality of the river water through some simple experiments which will enable participants to establish colour, smell, limpidity and so on.

Scientific activity: The S.C.I. index – Samples are taken to calculate the index of sequential comparison which measures the degree of diversity.

Relaxation techniques: Guided imagination – a relaxation technique which we will experiment in order to focus attention on subsequent activities.

Socio-affective activities: Circle-time – Rules to apply during the descent of the river.

#### Dinner

Educational activity: Nocturnal walk – in pairs to discover the secrets of the wood

#### Day two :

Descent of the River Candigliano

### Breakfast

Physical activity: The big adventure – descent of the Burano torrent - Along the river in certain points it will be necessary to walk inside the bed of the torrent or else use canoes to cross short canyons. This activity requires a sporting spirit of adventure and is an unforgettable experience due to the breathtaking scenery surrounding us.

During the descent numerous observations will be made and topics regarding the ecology of the torrent and its features (vegetation, amphibians, pollution, springs, bio-indicators, energy and so on) will be dealt with.

### Packed lunch

Physical activity: The big adventure – the adventure continues up to Abbazia di Naro

### Dinner

Educational activities: Walking under the stars – walking under the stars with an examination of the constellations

### Day three: Man and the river

A series of investigations at certain points of the Balbano torrent, to uncover the impact man has made on the river:

### Breakfast

Socio-affective activities: Which parameters shall we measure? – Participants work in small groups to define parameters and the necessary conditions to determine the quality of the river, followed by a group presentation of findings.

Scientific activities: Mapping the health of the river – mapping the torrent, before and after a small inhabited area, with survey forms.

Scientific activities: S.C.I. index – the degree of biological diversity defined through the calculation of the sequential comparison index (S.C.I.) .

Scientific activity: E.B.I. method – the application of the E.B.I. method (method for surveying the quality of water) which requires observation and on site as well as laboratory sampling of macrobenthic communities after being captured with a net.

### Lunch

Reprocessing activity: reprocessing data previously collected.

Checking activity: What are we going to take home – group presentation of graphs