



# RESULTS of workshops for Erasmus plus project

“OUR EARTH, OUR FUTURE”  
a.s. 2019/2020

ITES VITALE GIORDANO – BITONTO (ITALY)



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In the past months we have tried to carry out with our pupils the activities that we should have carried out with Belgian, Dutch and German students, for mobility in Bitonto, scheduled for the 25th to the 27th of March 2020.

Unfortunately, due to the COVID-19 emergency, all the mobilities of all Erasmus plus projects have been canceled.

The following slides show the results of the workshops held only with Italian students.

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## WORKSHOP 1

### The relationship between sunlight and photosynthesis.

- Activities in the school greenhouse in mixed groups.
- Activity: observing the behavior of plants grown in different environmental situations and understanding how the relationship between sunlight and photosynthesis works.

#### RESULTS OF THE ACTIVITY

All students divided into groups:

- participated with attention and commitment, carrying out the various phases of the experiment;
- have learned how a plant's life cycle takes place;
- have learned what is the relationship between light and photosynthesis.

#### DISSEMINATION:

The results of this workshop were shared with the other students of the second classes of the school during school assemblies and inter-class meetings.

## WORKSHOP 2

### Greenhouse effect application: solar cookers

- Activity: building solar cookers working with solar cooker effect using recyclable materials.

#### RESULTS OF THE ACTIVITY

All students divided into groups:

- participated with attention and commitment, carrying out the various phases of the experiment;
- have learned how the greenhouse effect occurs and what the consequences are;
- have learned to recognize insulating and conductive materials.
- Teamwork has strengthened the ability to communicate and collaborate

#### DISSEMINATION:

The results of this workshop were shared with the other students of the second classes of the school during school assemblies and inter-class meetings.

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## WORKSHOP 3

### Lichen Biomonitoring: lichens, biological indicators of the quality of the environment

- Activity: laboratory in mixed groups in the park of Bitonto to detect the number and quality of the lichens present on the trunks.

#### RESULTS OF THE ACTIVITY

All students divided into groups:

- participated with attention and commitment, carrying out the various phases of the experiment;
- have learned to collect data and process it;
- have deepened their knowledge on biodiversity
- Teamwork has strengthened the ability to communicate and collaborate

#### DISSEMINATION:

The results of this workshop were shared with the other students of the second classes of the school during school assemblies and inter-class meetings.

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## PHOTOVOLTAIC ENERGY : A look at the present to imagine the future (conference held by )

➤ Activity: the students attended the conference of prof. Tommaso Farenga

### RESULTS OF THE ACTIVITY

All students:

- have learned the importance of using renewable resources
- have learned about renewable energies in Puglia and their diffusion in the territory.
- they understood how a photovoltaic panel works

### DISSEMINATION:

The results of this workshop were shared with the other students of the second classes of the school during school assemblies and inter-class meetings.

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