

# ISTITUTO TECNICO MICHELANGELO BUONARROTI

Ms Paola Cardarelli – Headmistress

Mr Guido Pallottelli- Teacher

Ms Marina De Felici-Project Coordinator



# LOCATION : FRASCATI

- ▶ town in the Metropolitan City of Rome located 20 km south-east of Rome, on the Alban Hills
- ▶ famous for its notable villas, which were built from the 16th century onwards by Popes, cardinals and Roman nobles as "status symbols" of Roman aristocracy
- ▶ closely associated with science (ESA, INFN & ENEA)
- ▶ produces the white wine with the same name.





# Technical High School for Accounting, Finance and Marketing, Business Information Technology, Tourism, Building Surveying

## SOME FACTS AT A GLANCE

- state school
- founded in 1959
- 2 locations
- 4 departments
- 31 classes
- 600 students aged 14-19
- 90 teachers
- 20 administrative staff
- 10 general services staff
- a team of psychologists



# OUR VISION

A European-oriented education system that enables our students to achieve personal and professional well-being and success

## OUR VALUES

- Diversity, Equity & Inclusivity
- Commitment and Responsibility
- Student-centered approach

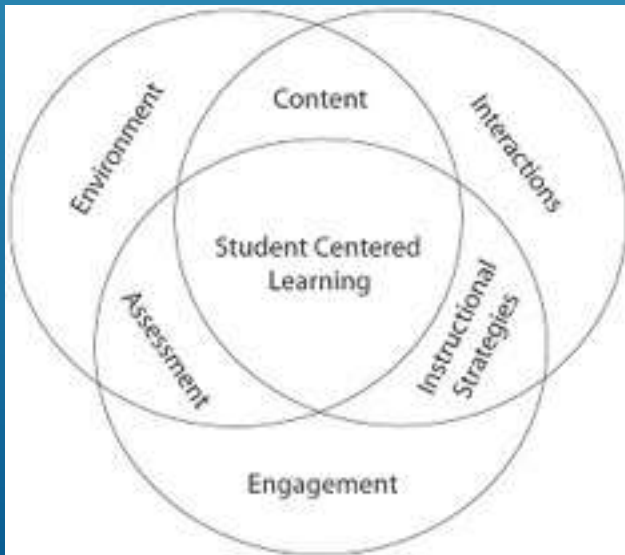
# OUR MISSION

- to provide a positive learning experience in a safe educational environment
- to emphasize the value of a strong work ethic
- to train our pupils to achieve responsibility and awareness
- to prepare them for an active participation in a modern European society



## OUR BEST PRACTICES

- Inclusion of students with special needs
- Adoption of the digital classrooms
- Multidisciplinary projects
- Integration of life skills and other co-scholastic activities with the regular teaching learning process
- Internationalization
- Integrating activities like theatre, music, literary activities, gardening, health and hygiene, general awareness, etc.
- Real working experiences in companies according to the selected specialization
- Training programs for all the school staff, especially teachers



## ALBAN HILLS SCHOOL NETWORK

**Network of local schools (RES) cooperating in order to meet the ever-changing challenges of today's education**

# ITALIAN SCHOOL SYSTEM



- ▶ Education in Italy is compulsory from 6 to 16 years of age
- ▶ five stages:
  - ▶ kindergarten
  - ▶ primary school
  - ▶ lower secondary school
  - ▶ upper secondary school or high school
  - ▶ university.
- ▶ Italy has both public and private schools
- ▶ Programs are generally decided at national level
- ▶ Secondary schools mostly provide common structure and subjects, while other topics are peculiar to a particular type of course
- ▶ In 2013, the Programme for International Student Assessment, coordinated by the OECD, ranked the Italian secondary education as the 21st in the world
- ▶ Gap between the performance of the Northern Schools and the Southern ones
- ▶ Public schools' students perform better than private schools' ones



# OUR SPECIALIZATIONS 1 of 2

## AFM

### Accounting, Finance and Marketing

financial reporting, management accounting, corporate finance, taxation, audit and computerised accounting systems



## SIA

### Business Information Technology

accounting, business management, cybersecurity, database administration and management information systems



# OUR SPECIALIZATIONS 2 of 2

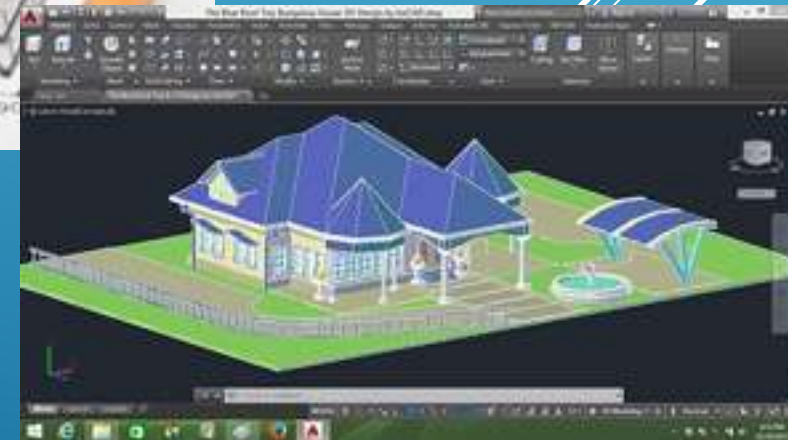
## TOURISM

**economic curriculum specializing in hotel administration, restaurant management, event planning, travel and tourism**



## CAT (BUILDING SURVEYING)

**advanced math, technical drafting and writing, technically advanced equipment and computer programs, focus on environment, health and safety, renewable energy sources**





# TWO EXAMPLES OF WORK RELATED EXPERIENCES OF THE STUDENTS (1 OF 2)



STUDENTS AND TEACHER WORKING AT THE GARDEN PROJECT



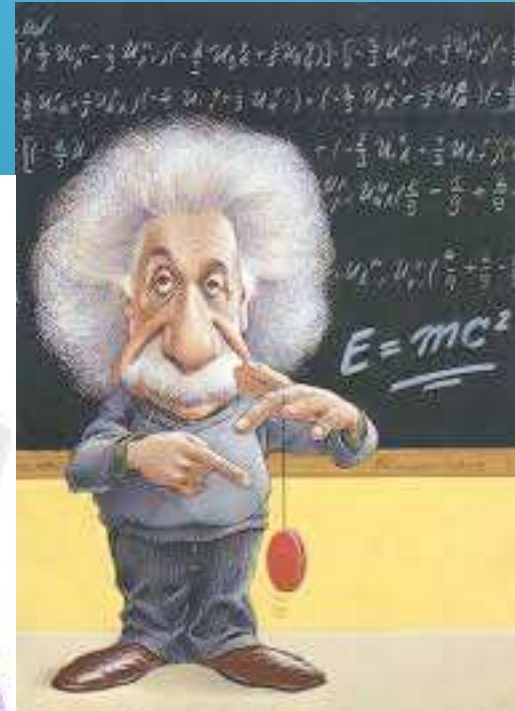
# STUDENTS AND TEACHERS DURING THE FRANCE-ITALY EXCHANGE PROJECT (2 OF 2)



# TEACHING SCIENCE

We firmly believe in the worth of laboratory-based didactics applied to technical and scientific subjects. Success in learning science is based on experimental laboratory and digital activities

For this reason we have implemented some measurement instruments and digital devices in the Chemical and Physics laboratories.





# Digital Implementation

Since we strongly believe in digital learning we have introduced digital Whiteboard in the Physics and Chemical Laboratories, in the Linguistic laboratories and in several classrooms. We also provided students with tablets or notebooks.

Our school is involved in several National and European projects. We received grants to improve the LAN/WLAN infrastructure in order to connect the school rooms and laboratories more efficiently. We also obtained grants to build and to develop multimedia learning spaces.



# Internazionalizzazione

- One of the most important goals of our school is to help students to develop skills and competences they can use in our present technological and multilingual globalized society.
- In order to promote social inclusion and internationalisation of young learners, our Institute, together with the European educational policy, aims at supporting the implementation of methods and technologies to help growth and higher education in a wider perspective of European citizenship and identity.
- In particular, the initiatives concerning transnational mobility of students and teachers are important instruments for students' integration and internationalization. This process will benefit from the improvements of teaching skills, acquired from training experiences abroad.



# CONCLUSIONS

Counteracting early school leaving is a priority of our school. We are experimenting new teaching methods and digital approaches to motivate students and teachers. This rises some opposition of part of the staff and of the student families.

Innovative school practices will be achieved through further implementation of methodological and technological tools and by including more attractive programmes encouraging a more active participation of students.

For these reasons we keen on training of school staff in different education systems in Europe, transnational mobility initiatives, synergy of innovation by means of international collaboration, and good practices benchmarking of European schools like in this EUNEOS Training Course.



THANK YOU !

ISTITUTO TECNICO  
MICHELANGELO BUONARROTI

