



# SCHOOL AREA

[fondazionegolinelli.it/en/area-scuola](http://fondazionegolinelli.it/en/area-scuola)



**FONDAZIONE  
GOLINELLI**  
be intelligent  
be there



**SCUOLA**

# School Area

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The school area of **Fondazione Golinelli** aims to educate young people by providing them with the most useful tools to look to the future with confidence and guide them in a complex and unpredictable world. From this perspective, it offers scientific and experiential workshops, interdisciplinary educational courses, educational activities and innovative projects in education, teacher training and scientific communication for students and teachers across all levels. As a result of government measures to contain Coronavirus and to address new educational needs, the educational and training proposition have been reformulated for successful **online use** by teachers and classrooms.

Educational and training proposals are strongly characterized by the focus on **innovation** and **digital teaching**, the development of new knowledge, skills, and the experimentation of innovative methodologies, as well as the quality of **scientific content** and the collaboration with **partners** and **research institutes** for special projects in which school and work are closely linked.

Three themes to explore: the combination of science and digital technologies; education in entrepreneurship as a bridge between the world of school and work; dialogue between art, science, and technology, fostering a fertile ground to imagine the future.





# Objectives

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Through its educational activity, Fondazione Golinelli aims to promote **scientific education** and **creativity** in children, bringing girls and boys closer to **science** and **technology** through direct experimentation by fostering **entrepreneurship**, **interdisciplinarity** and **innovation**. In addition, it promotes the orientation and training of students by organizing certifiable projects in acquiring core skills, with guidance and ad hoc training courses on entrepreneurship on how to apply these cross competencies.

To support educational innovation, Fondazione Golinelli engages and trains thousands of **teachers** from all over Italy every year with the aim of promoting interactive and participatory teaching to innovate “schooling”.

# Methodology

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Fondazione Golinelli experiments with innovative methodologies, working to combine three useful elements for the professional, human, and intellectual growth of younger generations.

The first element is the **knowledge** concerning all the scientific content on which educational proposals are based on. The second element is **know-how**, that is, the experiential component that passes through laboratory experiments and the use of new technologies. The third element is **knowing how to be**, that is, the soft skills that each of us began forming in childhood and that must be cultivated in order to successfully face the work world.

## G-Lab

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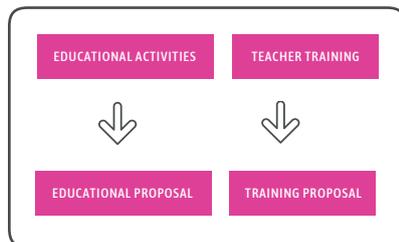
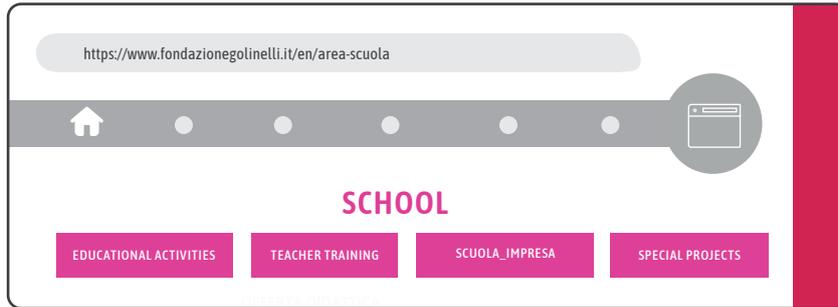
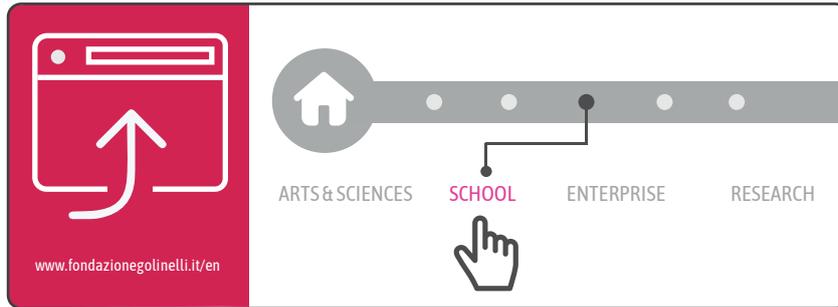


To reach students and teachers all across Italy, **G-LAB**, the operational arm of Fondazione Golinelli that enhances and spreads its experience was established in 2018.

G-LAB offers both scientific and interdisciplinary educational activities, including **online** laboratories, aimed at schools of all levels.

In addition, it develops detailed **educational projects** that complement teacher training, which can be adapted, on request, according to the special needs of each school as well as to the management of COVID-19 containment.

# School Area Portal



## SCUOLA IMPRESA

Giardino delle imprese  
Life Sciences  
Summer School  
Ad hoc Courses  
PCTO  
Laboratorio territoriale

## SPECIAL PROJECTS

Good for Food  
SEAS  
Olimpiade Leonardo da Vinci per la Società della conoscenza  
Consapevol-mente  
La Scienza in Tavola  
L'Ora del Codice  
Mobilteach

# Educational Activities

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The training courses of Fondazione Golinelli begin with proposals for boys and girls ages 1 to 13 and for boys and girls ages 14 to 19. The program consists of workshops and interactive activities specifically designed and always up to date on topics such as **science, creativity, new digital technologies, and entrepreneurial culture.**

Thanks to the methodological approach offered, students will be able to combine **scientific skills**, the approach of **learning by doing** and soft skills in order to grow from a human, intellectual and professional point of view ready to meet the future with confidence.

Following the Covid-19 emergency and in order to meet new educational needs, the educational offer has been reformulated for an even more effective online use by the classes.

# Teacher Training

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Fondazione Golinelli offers training projects and ad hoc courses, in class and in remote, to teachers, school leaders, educators and trainers. The aim is to **innovate “schooling”**, engaging, and training teachers in interactive teaching in the fields of science, technology, skills acquisition, methodological innovation and learning technologies.

Thanks to their updated proposals, Fondazione Golinelli develops **research in teaching** and **innovation** in school. Every year, around 4000 Italian teachers of all types and levels are involved in training activities.



# Enterprise Education

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Fondazione Golinelli organizes projects and paths of excellence, in class and online, dedicated to students to stimulate their frame of mind, enhance their talent, and develop core skills. The Foundation prepares children to face the complexity and unpredictability of the future by engaging them in initiatives where the school and work world dialogue and are closely linked to each other, with the aid of the valuable **collaboration with partners**, companies and research institutes.

With this aim, multidisciplinary courses for upper secondary school students are designed around the theme of entrepreneurial culture, which take center stage at the **Giardino delle Imprese** and at the **Life Sciences Summer School** where biotechnology, biochemistry and molecular biology is explored. In addition, the Foundation organizes custom training courses on entrepreneurship and cross-skills, for university and lower and upper secondary students, it also organizes certifiable projects such as **PCTO** (Paths for Cross-Skills and Orientation) for students of secondary schools, and is home to the **Territorial Laboratory** for Employability Opus facere – Fare per Capire ( Do to Understand), an educational project involving a network of schools in the metropolitan city of Bologna and public and private partners of the territory.

# Special Projects

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Fondazione Golinelli collaborates with leading institutional entities, companies, and associations for the implementation of educational and training projects for students and teachers of all grades and levels. Thanks to the accumulated skills of the Fondazione Golinelli and its **partners**, students can participate in current and innovative activities ranging from science to new technologies.

GOOD for FOOD



Comune di Bologna

Project in collaboration with the City of Bologna and other partners for the promotion and dissemination of food education and good practices for healthy eating.

SEAS

European project for the dissemination of scientific education and the awareness of schools and local communities on the importance of the commitment to sustainability.

Olimpiadi Leonardiane



Competition promoted by the Directorate General for School Systems and the evaluation of the national education system of MIUR (The Ministry of Education, University and Research) as part of the initiatives to celebrate the genius of Leonardo da Vinci, 500 years after his death.

Consapevol-Mente



Project in collaboration with AIRC to promote healthy lifestyles and delve into topics such as prevention, scientific and technological discoveries, oncology research and the accuracy of cancer information.

La Scienza in Tavola



Project in collaboration with Alce Nero to raise awareness on environmental and food sustainability, expand knowledge on nutrition sciences and technologies applied to food for health and well-being.



YOOX  
NET-A-PORTER  
GROUP

Project in collaboration with Alce Nero to raise awareness on environmental and food sustainability, expand knowledge on nutrition sciences and technologies applied to food for health and well-being.



European project to promote the mobility and professional development of teachers, school staff, educators and trainers through innovative methodologies based on cross-disciplinary and STEM teaching.



FONDAZIONE  
CR FIRENZE

A program promoted by Fondazione CR Firenze and Intesa Sao Paulo to support degree seeking students from the Università degli Studi di Firenze, through scholarships combined with a mentoring program that takes place in class and online.



CONFINDUSTRIA EMILIA  
AREA CENTRO  
Le imprese di Bologna,  
Ferrara e Modena

An experimental course, promoted by Confindustria Emilia Area Center, in collaboration with USR Emilia-Romagna, for the integration of school time in primary and lower secondary schools.



# Spaces

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The school area in Opificio Golinelli occupies about 9,000 square meters equipped with advanced technologies and spaces designed for different recipients. Soft furnishings and semi-circular edgeless counters are available for children ages one 1 to 5 for individual cooperative activities. For lower secondary school students there are microscopy and stereomicroscopy laboratories, a maker space for robotics, coding, modeling and 3D printing, and an open space for laboratory activities for 2.0 classes.

In addition, Opificio Golinelli also hosts the second **HP Learning Studio** of Italy, the first in Europe to be housed in a private foundation. At the heart of this space is HP Sprout, a device that offers immersive experiences, with which you can capture 2D and 3D scans, create digital stories, manipulate virtual objects, design, create and print in 3D.

Secondary school students are given individual laboratories equipped with the most advanced tools for biotechnology, life sciences and modern physics activities and a bioinformatics classroom equipped with computers and optical microscopes.

Beyond Opificio Golinelli, the activities of the school area of Fondazione Golinelli are also held in Bologna at Le **Serre dei Giardini** (via Castiglione 136), in San Lazzaro di Savena at the **SanLab Workshops** (via Emilia 253A) and in the new site of **Perugia** in Via dei Philosophers.



## School Area

by Fondazione Golinelli



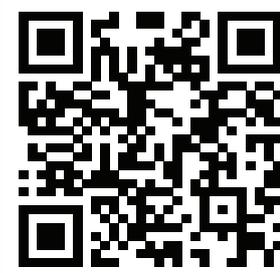
Via Paolo Nanni Costa, 14  
40133 - Bologna



+39 051 0923200



scuola@fondazionegolinelli.it



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