

Biotechnology on school desks, the cameras of Tg Leonardo in Recanati 🇮🇹

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The cameras of Tg Leonardo have turned on over the past few days at the Giacomo Leopardi High School in Recanati. The protagonists were the students of class 5M of applied sciences, engaged in a biotechnology laboratory of the ABE (Amgen Biotech Experience) project.

Discovering the excitement of research right from school desks is the promise of the Amgen Foundation that, with the international ABE program, offers students the opportunity to experience biotechnology in the classroom.

ABE Italy has participated in the applied sciences project since 2018; this year, due to the COVID emergency, it has carried out the laboratory activity with diversified modalities: in person and virtually, thanks to the LabXChange platform developed by Harvard University.

ABE, however, not only offers students direct experience with advanced scientific activities, but also gives science teachers high-level training: objectives that the Liceo Leopardi of Recanati places at the center of its educational mission.



Tg Leonardo recorded the interactive nature of the experience that took place in the well-equipped science laboratory of the Via Moro location, highlighting the interrelationships between students, teachers, and instruments and completed the presentation of the ABE project with teacher interviews, who echoed the words of Soren Giese, president and CEO of Amgen Italy, who, recalling that "Amgen Foundation is committed to spreading scientific literacy and inspiring the researchers of tomorrow by offering access to free, high-quality education," emphasized the awareness that the future of science and research belongs to the new generations, and that everyone should "have the opportunity to cultivate their talent starting at school."



On the value of this experience, the director of ABE Italy, Anna Pascucci, adds that "the conjugation of innovative methodological approaches of IBSE with laboratory experimentation represents a real revolution in the teaching and study of science at school as it makes learning more effective than traditional methods, facilitates a more active participation by students, stimulates their ability to reason and analyze based on data and evidence, and above all, allows teachers to become true agents of change."

