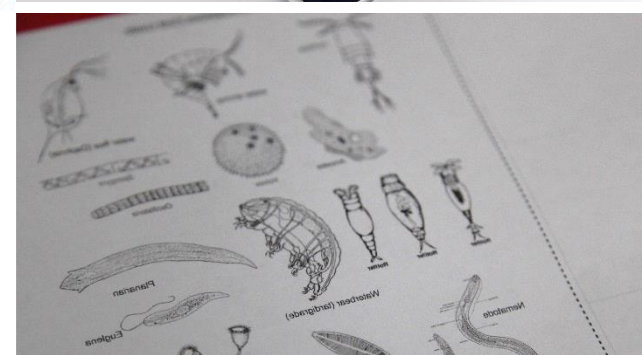




SmartMicroOptics For Education





SMO for Education

SCIENCE CLASSES and WORKSHOPS

Our systems have been used in Science experiences, festivals and events for classes from primary up to high schools. From simple outdoor experiences to various microscopy workshops, Blips is a cheap, easy-to-use and funny solution to introduce students to the micro-world.

Among the most common experiences of biology which can be held with our kits, there is the pond water observation (with our lab kits) and the direct observation of the internal parts of flowers (with macro kits), but the only limit is imagination.





- Many Science workshops and Science classes have been held from all around the world, and a growing community of Science teachers and explainers is using our products to provide surprising and funny explorations of the micro-world.
- The pair smartphone + microscopy is of great appeal to students of any age. Many institutions and schools have adopted Blips and DIPLE kits for their science classes in tenths of different Countries.



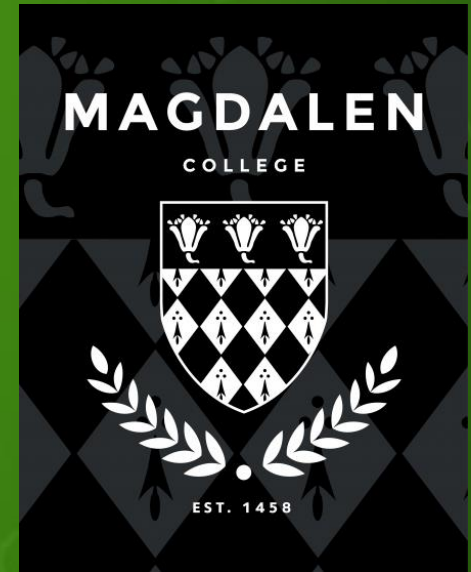
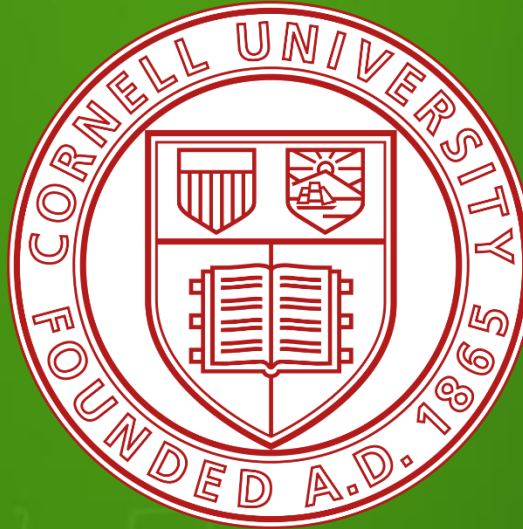


Case studies

- Among our customers we can find many schools, like Magdalen College School (UK), Canadian International School (Singapore), Ti Tree School (Australia), IIS Kennedy school (Italy), Istituto Dalla Chiesa (Italy), MYSA school (USA), University of Newcastle (Australia), the Italian Institute of Technology, Wiley (USA).
- Also, many Colleges/Universities use our kits for education and training, like TU Delft (the Netherlands), Utah State University (USA), Gakushuin University (Japan), College of Central Florida (USA) and New York University Abu Dhabi (UAE). The feedbacks are really positive.
- The team of SMO is always ready to support teachers and educators with tips and tutorials.



Among our STEM customers



FONDAZIONE
GOLINELLI



ISTITUTO
ITALIANO DI
TECNOLOGIA

Our products

Blips: freehand macro photos for indoor/outdoor activities and first microscopy experiences; also usable as parts for DIY microscopy.



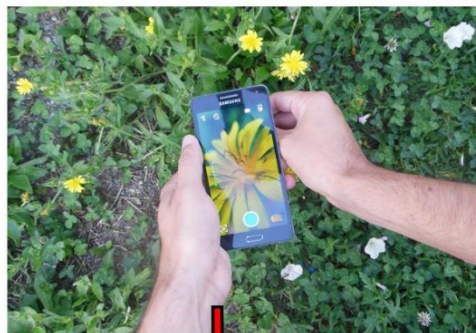
DIPLE: complete system for portable microscopy in transmitted light.
LUX version for observation of opaque subjects in reflected light.



Our products

blips
magnify the world

5x-10x



blips LABKIT₂ **20x-150x**
magnify the world



DIPILE **35x-1000x**



Examples

- *COOP per la scuola*

One of the main supermarket chains in Italy offered the new Blips Labkit2 as a gift for their regular customers.



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NEW LABKIT 2

APPRENDIMENTO

Un nuovo sistema di microscopia per trasformare smartphone e tablet in una potente fotocamera macro o in un microscopio.

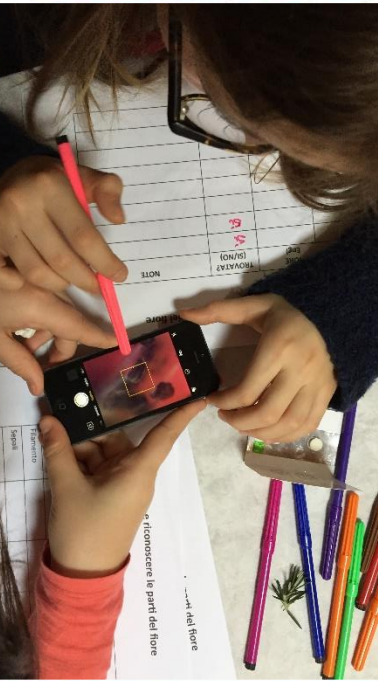
Appositamente studiato per l'utilizzo in ambito scolastico e didattico, è un kit completo con quattro lenti, ciascuna con un differente livello di ingrandimento (Blips Macro Plus 5x, Blips Macro 10x, Blips Micro 20x, Blips Ultra 20x), un supporto per telefono o tablet, una sorgente di luce a led e un supporto per vetrini finemente regolabile, per una messa a fuoco ottimale. Il sistema viene corredato con una mini-guida con suggerimenti per esperienze e laboratori, utile per effettuare i primi esperimenti scientifici in autonomia e prendere confidenza con il sistema.

Buoni 500

Indietro

Examples

- Outdoor experiences in the Beigua Natural Park (Liguria, Italy), with smartphone macro photography workshops.



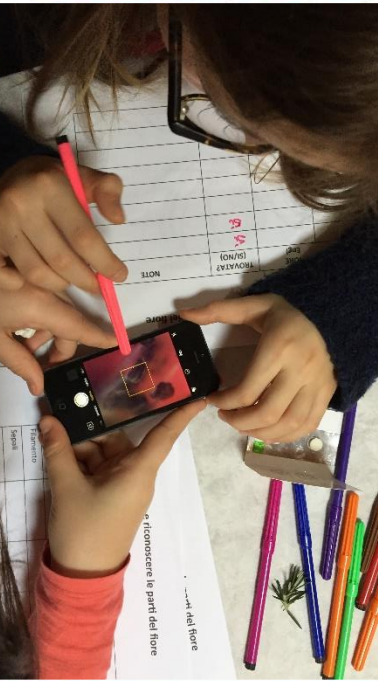
Examples

- “Frascati Scienza” Science Festival, Italy, October 2022.



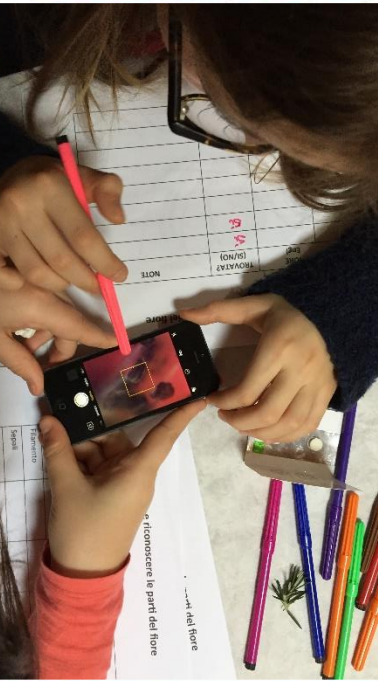
Examples

- Freshwater quality checks, Bisagno river, Italy, September 2020.



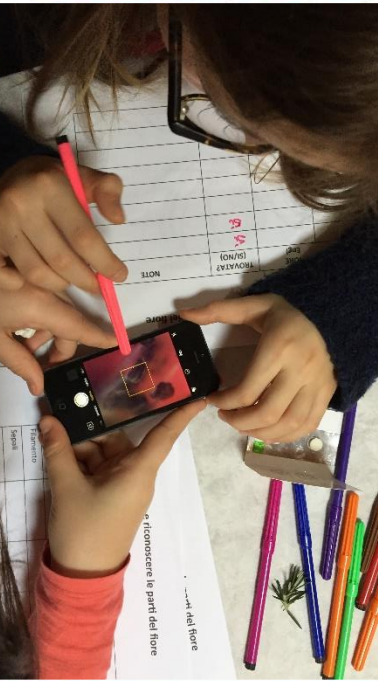
Examples

- Botanical garden of Genoa, Italy, April 2022.



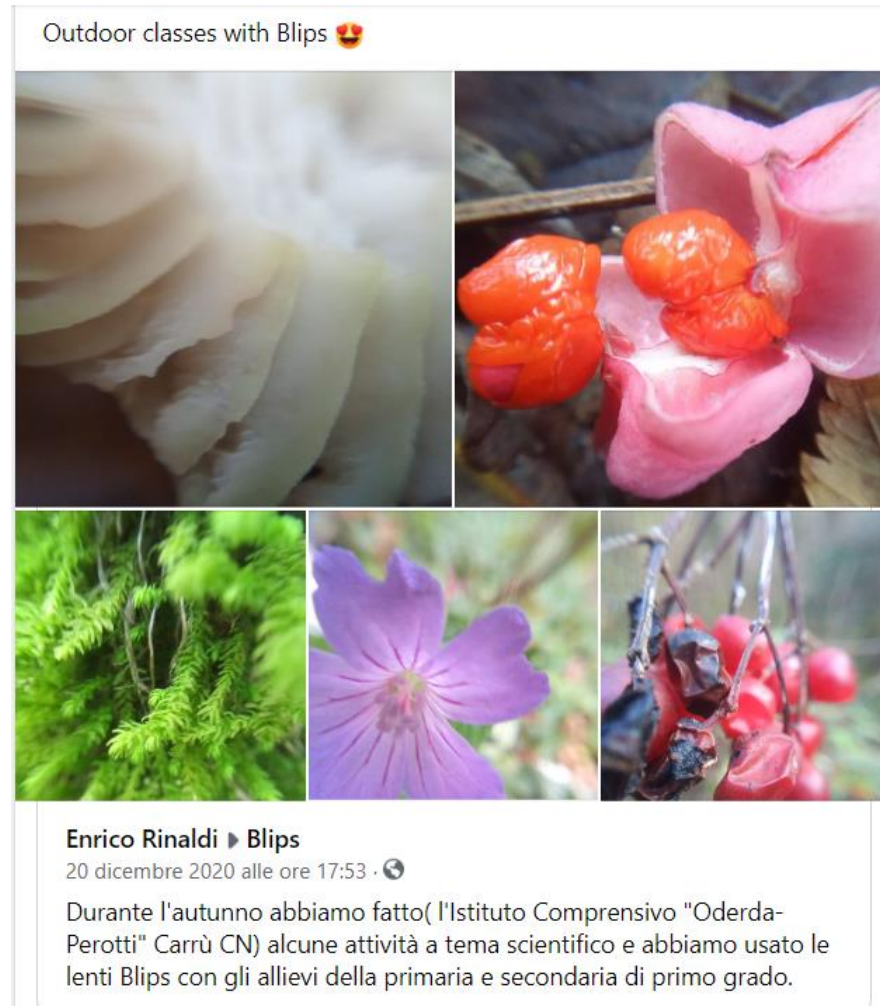
Examples

- “Isola di Einstein” Science Festival, Italy, October 2020.



Examples

- Primary and Secondary school workshops in Carrù, Italy



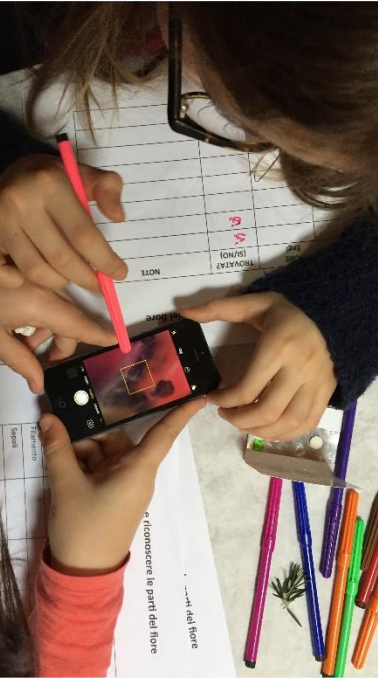
Enrico Rinaldi ► Blips

20 dicembre 2020 alle ore 17:53 · 🌐

Durante l'autunno abbiamo fatto (l'Istituto Comprensivo "Oderda-Perotti" Carrù CN) alcune attività a tema scientifico e abbiamo usato le lenti Blips con gli allievi della primaria e secondaria di primo grado.

Examples

- Genoa Science Festival, Italy, 2018



Feedback from customers



- Last Christmas my boyfriend gave me a Blips kit. I didn't know about Blips and I was very, very AMAZED (my boyfriend also, of course). He told me that he was waiting for long time to receive the package, since we live in Brazil. But when I saw the kit, I lost many hours with him just using it. We saw stomata cells on a plant I have in my parents' garden, and also some acari on the leaf. Anyway, I also used my lens to take pictures of some seeds that I use in my lab (Setaria viridis plants). My professor loved, people in our lab also loved. As well as my parents. Blips kit is VERY, very helpful and useful (and very cute). I also used my knowledge in Physics to try to stack more than one lens and get more magnifying results (and it worked!!!)...*

J. A., Researcher from Brazil

- BLIPS lens is fantastic!
I am planning to use it for the lecture in our university.*

D. N., Professor from Japan

- We had a positive experience with second graders, the students had no difficulties in assembling and using the kit. Then it was disassembled and put back in place without problems. The students were concentrated throughout the lesson, very involved in the use of the tool. We also made a remote event with the Zoom platform and we used both DIPLE and Blips lenses to simultaneously make various observations from small to microscopic, all live. The experience was positive, the tools are easy to use, and the connected students saw everything well. On this last occasion the participants were enthusiastic about what they observed. The DIPLE kit has therefore proved to be an excellent tool even for remote events (we used the tablet's camera directly as an external camera managed by zoom).*

E. R., professor from Italy

Feedback from customers



- I would like to thank you for providing excellent service and an amazing product! I used the lenses during a science club to show the transition from counter light microscopes to portable microscopes, and how it is possible to do science with your phone. We printed some images and made a small exhibition at school, maybe we will do a photographic competition. I also encouraged the children to open an Instagram page where they can show their images: from social media you can learn and communicate your research. The Head of Biology was very enthusiastic about the product and will be in touch with you for further orders.*

A. R., Science communicator from the UK

- it is proving to be an excellent teaching tool that is of great interest to 11th and 12th graders.*

F. P., Professor from Italy

- Thank you for your professionalism. I am a science teacher and I have been able to prove that your lenses work great. So, during the next school year I will certainly suggest that my pupils' parents buy your kit as a Christmas gift, since we'll start microscopy in January.*

C. L., Professor from Italy



SmartMicroOptics for Education

In SmartMicroOptics we believe in the crucial role of the scientific education in society. Microscopes are a kind of tool for making Science loved by kids and students in general, because they open a window in an amazing world around us, invisible to the naked eye. We are happy to offer special deals to institutions/organizations that want to try our products for educational purposes. Massive discounts for large orders of our standard kits or for recurrent supplying of lenses, or repeated orders, can be openly discussed. SmartMicroOptics is a spin-off company of the Istituto Italiano di Tecnologia.

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