

Fastweb4School, the crowdfunding of the first projects dedicated to the growth of digital expertise in the schools, is ready to go

The 38 selected projects can now start to raise funds, 50% of which will be co-funded by Fastweb

Milan, 28 March 2018 - Students who build computers by themselves, models of Formula1 in 3D printing, small-scale robots and small FastLabs created inside schools. They can be seen on the crowdfunding platform "Productions from the bottom up" (www.produzionidalbasso.com/network/di/fastweb4school), the first **Fastweb4School**, a project promoted by Fastweb together with the Ministry of Education, University and Research for the purpose of stimulating the creation of digital projects in middle and high schools therefore contributing to the growth of digital expertise. If the school raises with the crowdfunding 50% of the budget submitted with the project proposals, Fastweb will donate the remaining 50% up to a maximum amount of Euro 10,000 per project.

Following are the first ten projects that are raising funds:

- **Formula Arduino**, project from the Scientific Lyceum "F.P. di Calboli" of Forlì for building a race team using its own Formula 1 car in 1:10 scale.
- **Laboratory Management System**, project from the Scientific Lyceum "Peano-Pellico" of Cuneo, for the development of a management software for the organisation of school labs.
- **KIT4SCHOOL**, project from the Technical School "Bosco Lucarelli" of Benevento for the construction of a "turnkey" kit of educational projects for experimenting on networking and the Internet of Things.
- **We build computers by ourselves**, a project from Istituto Comprensivo Regina Elena of Rome for building Open Source computers for the school, in order to bring young people closer to a technology for everybody.
- **House of Robots**, a project from Istituto Comprensivo "Federico Sacco" of Fossano (CN) for building a creative atelier for the construction and development of small-scale robots.
- **Engineering@school.3D**, a project from Istituto Comprensivo "Montone Pietralunga" of Umbertide (Pe) which aims at bringing the students closer to the study, design and creation of three dimensional objects.
- **AB(BRACCIA) il Futuro!**, project from the school "Opere Sociali Don Bosco" of Sesto San Giovanni to finance the purchase of two ABB Robots for the new laboratory Industria 4.0.
- **Educational Robotics**, project from Istituto Comprensivo 1 Chieti aimed at acquiring the development of logic-IT-technological skills through the construction of an educational robotics laboratory.

- **Drone IoT**, project from Istituto Tecnico Tecnologico and Scientific Lyceum B. Pascal of Roma for assembling a quadricopter drone and to use it as an IOT servomechanism capable of measuring temperature, humidity, CO2 presence or acquiring images, video and sound.
- **School laboratory**, a project from Istituto Comprensivo of Govone (CN) to rethink school laboratories as places for innovation and creativity where the students play an active role and the learning becomes social.

At the end of the first call dedicated to the world of Makers, which saw the enthusiastic participation and great designing skills of schools throughout Italy, 38 projects were selected from middle schools, high schools, and vocational schools which are now entering the crowdfunding phase. The final ranking of the first public call is available in the section of the beneficiary schools on the Miur platform "Network protocols" at the address:

<http://www.istruzione.it/ProtocolliInRete/ScuoleBeneficiarie.html>

The call for ideas was open to middle, high, and vocational schools, and dedicated to the Makers or to small scale designers for the funding of engineering-type projects such as electronic tools, robotic machines, devices for 3D printing and numeric control machines, but also objects built, thanks to the use of digital, by working with metals, wood and traditional craftsmanship.

The 38 projects selected and admitted to the crowdfunding phase, were chosen based on the quality and originality of the idea, the educational and learning content of innovative educational and digital methodologies, the number of students involved, the possibility of using social and production components within Italy, the possibility of future development at the same or other schools.

The top ten projects can now be seen and supported on the website Fastweb4Schools.it site which is partnering with the crowdfunding platform "Productions from the bottom up". To each school that raises, through the crowdfunding, 50% of the budget for the submitted project proposals, Fastweb will donate the remaining 50% up to a maximum amount of Euro 10,000 per project. The projects are funded with grants and the execution of the ideas shall remain the property of the school that has proposed it.

For more information: <https://miurb4.pubblica.istruzione.it/protocolloIntesa/>

www.fastweb4school.it

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