Leapfrog Launches Educational Store

At the 3D Print Show in New York Leapfrog 3D Printers announced the launch of their Educational Store. In addition to selling 3D printers with a special school discount, the educational store offers a curriculum to provide teachers with the necessary information to start their 3D classes. Since growing up with a technology proves to be the best way to master it, schools and colleges are starting to integrate 3D printing in their curriculum.

Curriculum of 3D printing

As 3D printing is changing our worlds, Leapfrog 3D Printers committed itself to provide our next generation with adequate knowledge and experience to use this new exciting technique. All throughout elementary school, high school and college 3D printing can add value.

Curriculum 3D printing for primary education (children 10 to 12 years old)
This curriculum allows children and their teachers to first become familiar with 3D printing. In this lesson plan consisting of 14 lessons, children acquire the skills needed to generate input for a 3D printer as well as to operate them. The lesson plan touches upon pre-existing knowledge from history, vocabulary, technical, biology and creative lessons.

Curriculum 3D printing for high school (children 13 to 16 years old)
Besides focussing on the skills needed to operate a 3D printer and to generate 3D printable content, this lesson plan consisting of 3 lessons, focuses on the practical (business) applications of 3D printing. It covers the more advanced 3D printing techniques as creating support structures, using infill and printing with different temperatures.
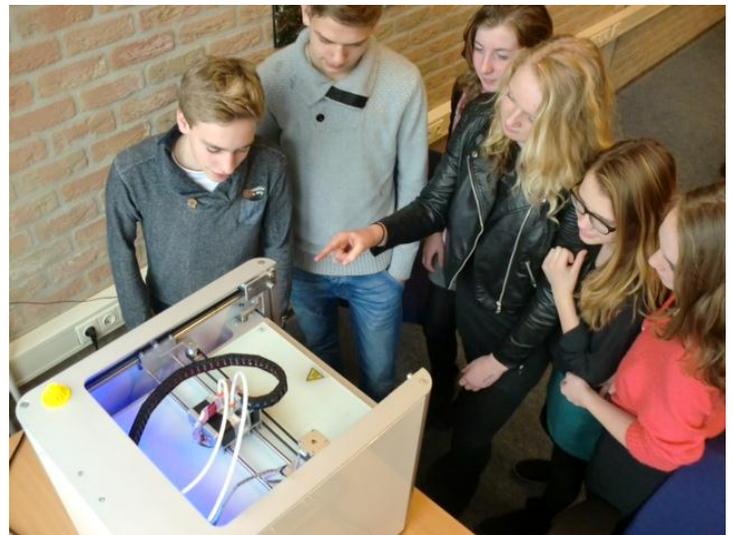
This lesson plan is made in collaboration with Dutch high school Jacobus Fruytier college in Apeldoorn. Their students are already working with the Creatr.

Creatr – Classroom printer

The Leapfrog Creatr dual extruder is the ideal 3D printer for educational institutes. It is a big and sturdy machine with one open side, which means it is tamperproof while students are still able to see the printing process. The large buildsize makes the range of options on what to print very extensive, and so does the dual extruder which allows you to print with two types of materials in one print. Because of the heated bed, more types of materials, such as ABS can be printed with, so the possibilities are endless.

Easy to use software

Leapfrog 3D Printers provides schools with software that can easily be understood by everyone. Simplify 3D has a very accurate slicer guaranteeing you the optimal print settings and the easiest way to start enjoying the possibilities of 3D printing. By providing clear and extensive material to guide students and teachers through their lessons, using the Creatr will be an amazing and fun experience for all who work with them.

Partners

Leapfrog 3D Printers is partnering up with educational institutes of all levels to prepare our kids for the

future. Schools will need affordable printers to be able to make this happen and a curriculum that meets their need of information. The curriculum will be updated regularly with input of schools all over the world. This will result in up-to-date lesson plans which are expanded with the feedback and knowledge of schools on 3D printing for education.

Class in a Crate - Package deal

The educational store will offer a package deal that will provide schools with everything they need to start their 3D printing classes. The package includes: Creatr dual extruder 3D Printer, a selection of 8 MAXX filaments PLA, a selection of 8 MAXX filaments ABS, professional software, 3 packs of print stickers, Live training a toolkit and a free primary school or high school curriculum on 30 8GB USB sticks. This package has a total value of over €2300,- but for schools comes at just **€1899**,- excl. VAT.

About Leapfrog 3D Printers

We are a producer of plug and play and affordable 3D printers situated in The Netherlands. We aim to continuously bring the most advanced techniques in 3D printing available and affordable to a broad audience. Our customers are at the heart of our business: we learn from their experiences and help them to uncover the applications for 3D printing suited for their business. We share the knowledge we gain through publications as well as through our business consulting services, in which we analyze the value chain of businesses to see where desktop 3D printing can add value.

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