

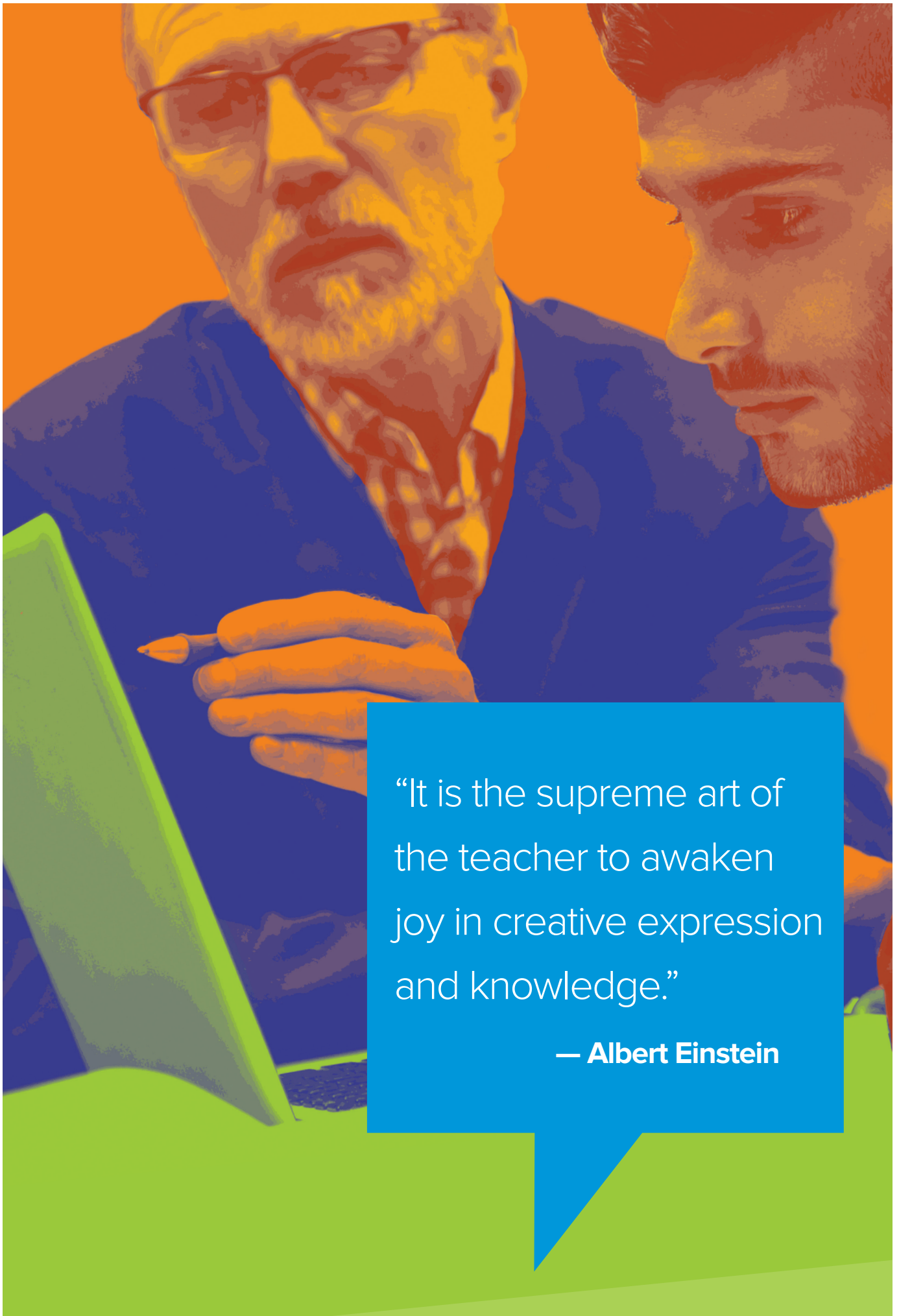
Help your students
show their true colours.



Mcor **Arke**

The world's first full-colour
desktop 3D printer

Mcor



“It is the supreme art of the teacher to awaken joy in creative expression and knowledge.”

— **Albert Einstein**

We couldn't agree more with Albert Einstein. That's why we created a 3D printer that provides teachers at all levels and in every academic department with the lowest cost, safest, reliable, full-colour 3D printer, that you can use to excite your students, enrich their learning and encourage their advancement. Unleash the creative spark in every student with the Mcor Arke full-colour desktop 3D printer.



It's a small printer with big ideas.

Your students create in colour. Your desktop 3D printer should too

- > Consistent, high-definition, photorealistic colour enables unique, innovative designs across all academic departments
- > Print any colour, anytime on your 3D model, including text
- > Only 3D printer with the ICC (International Colour Consortium) colour map for the most accurate what-you-see-is-what-you-get (WYSIWYG) colour in any 3D printer

Safe and eco-friendly process is ideal for students of any age to use right in the classroom

- > No harmful particle emissions, toxic chemicals or special facility requirements
- > Green process and recyclable materials
- > Adaptive Build minimises the amount of material used

Professional-quality 3D printing is reliable, so you spend more class time creating and less time fixing your 3D printer

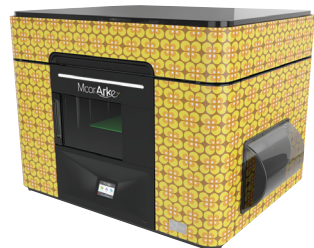
- > Never-fail feed reliability
- > Easy to use, plug and play process
- > Build multiple models simultaneously
- > High Resolution: 0.1 mm (.0039 in) X, Y, Z
- > High-resolution touch screen with innovative LED progress task bar

Everything you need to get up and running

- > Free Mcor Mobile App lets you get and share designs, run and monitor your Mcor Arke from your iOS or Android smartphone
- > Free Mcor Orange software for Mac and Windows-based PCs gives you complete control over your Mcor 3D printing projects, including loading, managing, customising and monitoring your 3D prints
- > Mcor Arke is IoT ready
- > Provides full connectivity with options to connect via WiFi, Ethernet and USB

Inspiration comes in all shapes and colours.

Finally, a desktop 3D printer that reflects your individual style. Choose from a selection of 3D printer covers in a variety of colours and styles to suit your unique classroom environment.





For creative learning, just add colour.

Since it can print in photorealistic colour, Mcor Arke fosters students' creativity across various departments.

- > Math
- > Science
- > Engineering
- > History
- > Geography
- > Design
- > Architecture
- > Fine Arts
- > Archaeology



Features

Resolution	X, Y and Z axis: 0.1 mm (0.0039 in)
Colour	Photorealistic HD Colour 4800 x 2400 DPI in X, Y and 254 in Z (up to 508 in Z with 50GSM paper)
Build Size	240 mm x 205 mm x 125 mm (9.5 in x 8 in x 4.9 in) Adaptive build volume
Build Material	Paper
Recyclable Parts/Material	Yes

Specifications

Equipment Dimensions	880 mm wide x 593 mm high x 633 mm deep (34.6 in wide x 23.3 in high x 24.9 in deep)
Power Requirements	350W, 240v 50Hz or 120v 60Hz
Network Connectivity	Ethernet, USB, WiFi
File Formats for Printing	STL, OBJ, VRML, DAE, 3MF
Hardware Requirements	8GB memory and 100GB hard drive, 1GB graphics card
Operating Systems	64bit Windows 7, Windows 8, Windows 10 and OS X Yosemite
Regulatory Compliance	CE, UL
System Software	Mcor Orange
Office Compatibility	Yes



www.mcor technologies.com