

Create Your World

Everything you need to make magical things at the push of a button.





Glowforge 3D Laser Printer

Glowforge integrates seamlessly into any curriculum. It's built for classrooms & comes with teacher-created designs, standards-aligned lesson plans & a free web-based app.

ALL Glowforge 3D Laser Printers feature:



Simple Setup

Go from unboxing to printing in no time.



Easy to Use

Students & teachers alike can bring their ideas to life in 1 class period.



Works with Hundreds of Materials

Cut, engrave, and score on paper, cardboard, wood, metal, leather, acrylic & more!



Live camera preview

With built-in Autofocus, you see exactly where you're printing.



Free Software Included

Design, customize, and print from your web browser – no downloads needed.



Customize Anything

Personalize any print with text, drawings, handwriting, mascots & more.



3D Engraving

Sculpt the surface of any material.

More than just a printer...it's an experience!

"Glowforge has transformed how we approach making and innovation. It's become a regular part of the school day."

Patrick Benfield,
Innovation Director at the Magellan School



Which Glowforge is right for you?

glowforge **pro**
All-day power for your biggest ideas



Educators' #1 Choice in schools!

Print all day long with enhanced cooling. Plus, take on oversized projects with the Passthrough slot.

glowforge **plus**

Enjoy upgraded components and printing speeds.

glowforge **basic**

Our entry-level 3D laser printer.
(Not available via Purchase Order.)

glowforge	pro	plus	basic
Simple set-up in under 30 minutes	✓	✓	✓
Works with hundreds of materials	✓	✓	✓
Free web-based software	✓	✓	✓
Live camera preview of your work	✓	✓	✓
Autofocus & 3D engraving	✓	✓	✓
Compatible with your Mac, PC, or mobile device	✓	✓	✓
Vent outside or use Glowforge Air Filter	✓	✓	✓
Limited warranty	12 mo.	12 mo.	6 mo.
Laser tube power	45W	40W	40W
Enhanced top speed	3x	2x	
Faster cut speed	120%		
Enhanced cooling for all-day use	✓		
Giant size prints with Passthrough	✓		



Glowforge Air Filter

The Air Filter sits near your printer and cleans the air, so you can print from your workshop, classroom, or tiny home.



Simple Setup

Every Air Filter comes with a 4" (10cm) hose that connects easily to your Glowforge printer.



Flexibility

The Air Filter is on wheels for easy maneuverability around your school. Have clean air in every workspace.



Powerful Filtration

Features HEPA filters with activated charcoal for safe printing in any classroom.

Quick Questions:

Do I need an Air Filter to use a Glowforge?

No, every Glowforge printer has the connectors you need to safely vent out a window.

How big is the Glowforge Air Filter?

It's about the size of a recycling bin and connects to your Glowforge by a short hose (included).

How often do Air Filter Cartridges need to be replaced?

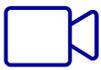
It depends how often you print, whether you're cutting or engraving, and what materials you use. Our EDU Bundles come with extra Air Filter Cartridges so you can use Glowforge any time & always have clean air.



Glowforge Print

Our FREE, web-based app that comes with every Glowforge printer.

You already have everything you need to create with Glowforge. The Glowforge Print app runs in your web browser so students can design & print from any device. Plus, it works with the software they already know & love!



Live camera preview

Drag and drop your design to see exactly how they'll print.



Trace Drawings

Scan & print your students' illustrations, doodles, and handwriting!



Easy to use

Print your first project within 30 minutes of receiving your Glowforge.



Works with your favorite software

Students can design their prints elsewhere & upload them to the app! Glowforge works with JPG, PDF, SVG, PNG & other common file types.



Design on any device

Glowforge Print works on Mac, PC, tablets, and even smartphones so you can create in any classroom environment.

Print a Not-So-Scary-Monster like me with Trace & a free lesson plan!



"Glowforge makes it so easy to be able to just set up a file and print it. It allows me to build upon my work in a really quick and efficient way."

Danaea Brown,
Interior Architecture Student
at Cornish College of the Arts



Premium

Our all-in-one design studio made for everyone – no experience required!

In addition to all the features of Glowforge Print, our Premium subscription includes free Catalog designs, one-click creative tools, & endless possibilities. Most schools use Premium with their Glowforge!



Free Designs

Get free unlimited access to Catalog designs that non-Premium members have to pay for.



One-Click Creative Tools

Students can personalize their prints with over 3 million images & 900+ fonts. Plus, they can design puzzles, stamps, & more.



Fast Lane Printing

Your prints are processed on ultra-high-performance servers so you can complete projects in 1 class period.



Unlimited Design Storage

Keep your students' designs in the dashboard forever!



Unlimited Backups

Access previously printed files, or revert back to an older version.



Customize projects in one click, like this FREE "My Life, My Mixtape" lesson!

G "What was so great was the intuitive software. I was so blown away by what I could do, and that moment opened up so many awesome possibilities for me."

Austin,
Interior Architecture Student
at Cornish College of the Arts



Proofgrade

Proofgrade Materials are easy to set up & give you flawless prints, every time. They're specially-sourced and lab-tested to work perfectly with your Glowforge.

We source the highest quality materials for projects that last a lifetime.



Plywood



Hardwood



Veneer



Draftboard



Leather



Acrylic



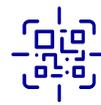
Guaranteed

Make the most of a class period with materials that work every time.



Safety Tested

Bring ideas to life in any classroom with dependable materials.



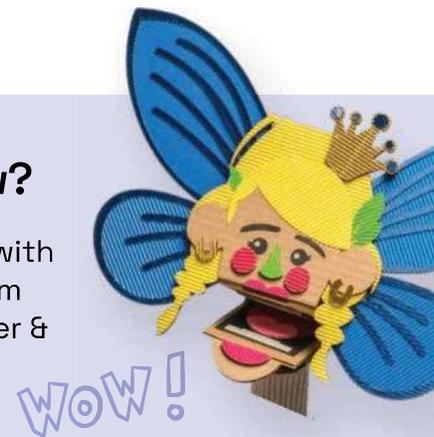
One-click Print

Your Glowforge instantly recognizes Proofgrade Materials, so you can spend less time prepping & more time creating.



Did you know?

Glowforge works with common classroom materials like paper & cardboard!



Machines



Glowforge Lesson Plans & Catalog

Bringing Glowforge to your classroom is easy with our standards-aligned lesson plans & catalog with hundreds of designs.



Educator Approved

Easily introduce Glowforge into any curriculum with standards-aligned lesson plans created by teachers.



Easy Assembly

Each design comes with instructions and step-by-step photos.



Customizable

Students can add their personal touch to any design with easy-to-use creative tools.



Endless Inspiration

The Catalog has designs for every subject, whether it's 8th grade Biology or 1st grade Art.



Made For Everyone

No experience required! Students and educators alike can print designs at the push of a button.



Unlimited Prints

Purchase designs as a one-time print, or get FREE unlimited prints with Glowforge Premium!

Explore gears & levers with this FREE lesson plan: "Assembly Instruction Designers"



"Being able to jump from your design to the Glowforge, cutting it...it has revolutionized the way students are making work."

Casey Curran,
Studio Supervisor and Educator
at Cornish College of the Arts