



*EMPOWERING YOUTH TO SOLVE
THE WORLD'S PROBLEMS*



**CREATIVE
CHILDREN FOR
CHARITY**



CREATIVE
CHILDREN FOR
CHARITY

OUR MISSION

To inspire 1 million youth to donate their time and talent for a social cause.



A black and white photograph of three young boys sitting at a desk in a classroom, looking at a laptop. The boy in the middle is smiling. The background shows other students and desks. In the top right corner, there is a small, colorful logo consisting of a cluster of dots in various colors.

OUR FOCUS

01

YOUTH
ENTREPRENUERSHIP

02

SERVICE
PROJECTS

03

TECHNOLOGY
PROGRAMS



STEAM3D



HOW DOES IT WORK

IMMERSIVE
HANDS-ON
WORKSHOPS

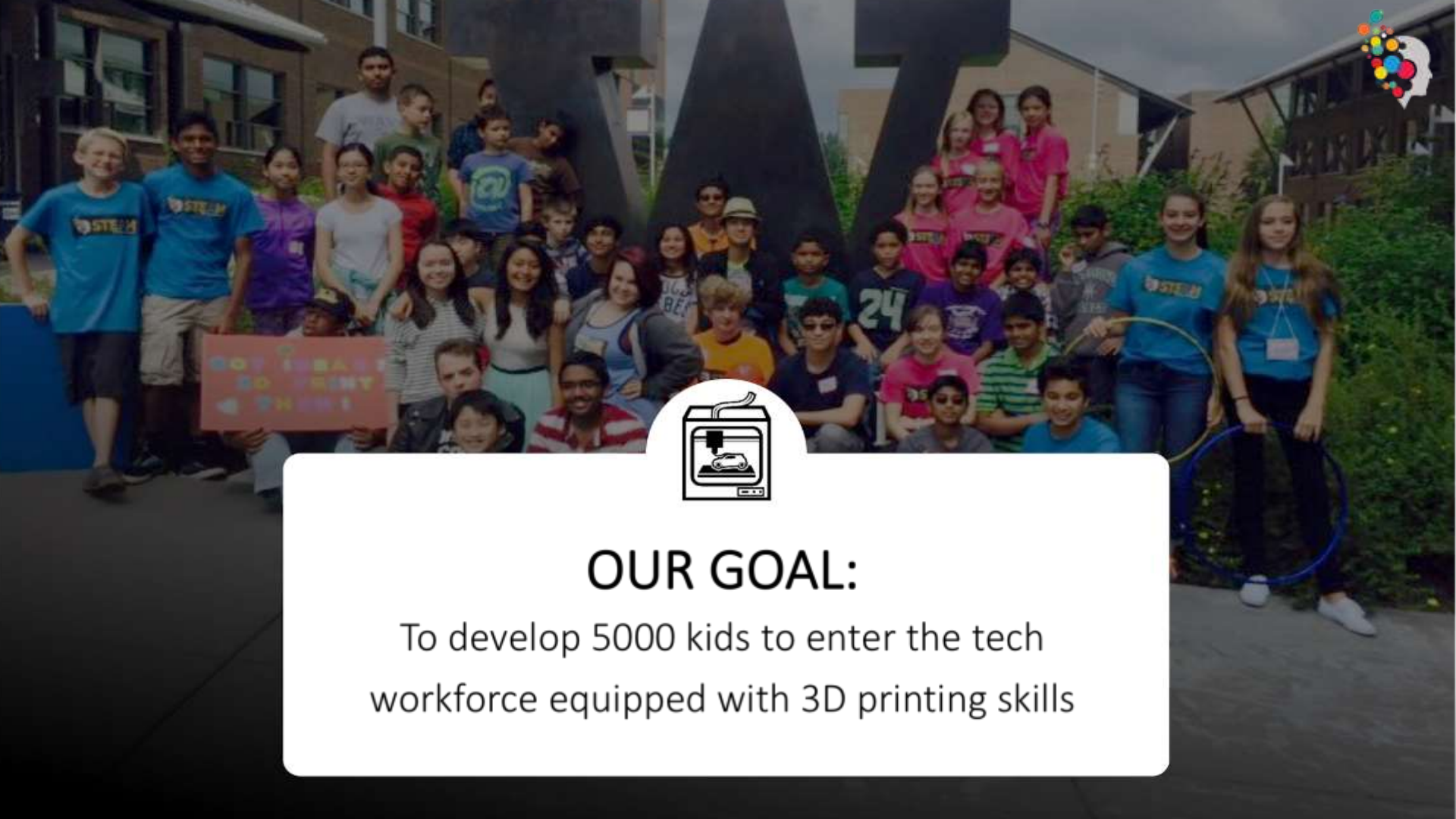
+

3D
TECHNOLOGY

=

EMPOWERED
YOUTH





OUR GOAL:

To develop 5000 kids to enter the tech workforce equipped with 3D printing skills



OUR EXPANSION PLAN



KING COUNTY
(current reach)

WA STATE





What is 3D Printing?

3D printing is a process for making a physical object from a three-dimensional digital model, typically by laying down many successive thin layers of a material.





How It Works?

- Design an object using 3D modeling software
- Input the design into finalizing software
- Input final design into the 3D printer
- Once started, the 3D printer lays layer after layer of plastic down which dries as it prints





Limitations of 3D Printing

- Size of the object to be printed
- Amount of material needed
- Type of materials
- Design - objects must be designed to be connected to the ground in multiple areas





Future of 3D Printing





3D PRINTING TRIVIA

When was the first digital 3D Printer created?

★ 1980

★ 1996

★ 2003

★ 2013



When was the first digital 3D Printer created?

★ 1980

1980 is the year in which Charles W. Hull developed technology for 3D printing objects from digital data.



How much does the smallest 3D Printer weigh (in kilograms) ?

- ★ 5 kg
- ★ 7kg
- ★ .5kg
- ★ 1.5kg



How much does the smallest 3D Printer weigh (in kilograms) ?

★ 1.5kg

The smallest 3D printer costs 1200 Euros.



How long did it take to print the first 3D printed plane?

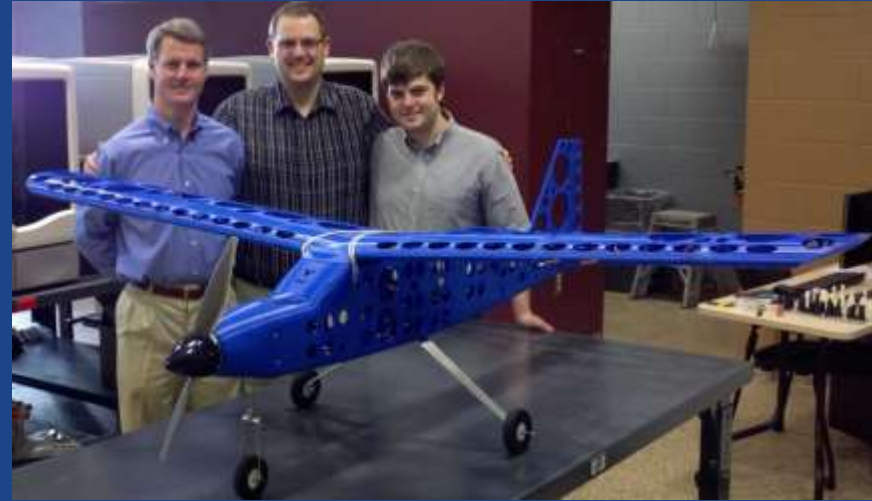
- ★ 2 days
- ★ 7 days
- ★ 5 days
- ★ 8 hours



How long did it take to print the first 3D printed plane?

★ 5 days

The first 3D Printed aircraft was called the “7 Day Plane” it took 2 days to design and 5 days to print.



How many hours of testing did it take to certify the first 3D printer to be sent to space?

★ 50,000 hours

★ 30,000 hours

★ 10 hours

★ 500 hours



How many hours of testing did it take to certify the first 3D printer to be sent to space?

★ 30,000 hours

It took 30,000 hours of testing to certify the first 3D printer to be sent to space.



Q&A



DEMO





WORK WITH US!



Become a STEAM3D expert



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<http://3cyouth.com>