

2016 Extreme Redesign 3D Printing Challenge

Top 10 Finalists in Each Category

ART & ARCHITECTURE

Design	Student Name	School	City, State, Country
Art Pavilion	Kam Chun Wing & Chan Sui Ling	City University of Hong Kong	Hong Kong
Bodiam Castle Napkin Holder	Esha Jain	Academy for Mathematics, Science, and Engineering	Rockaway, NJ, USA
Diversity of Architecture Technology	Stephen Lashley	National Technical Institute for the Deaf	Rochester, NY, USA
Griffith Observatory Cereal Apparatus	Nikhil Naik	Academy for Mathematics, Science, and Engineering	Rockaway, NJ, USA
Hexagonal Bell Tower	Cho Wun Chan & Szeto Cheuk Ting	City University of Hong Kong	Hong Kong
Hummingbird Kanzashi	Emily Takara	John F. Kennedy Middle School	Cupertino, CA, USA
Leaning Tower of Pisa Cryptex	Allen Liu	Morris Hills High School	Rockaway, NJ, USA
Sea Anemone Locket	Lauren Lee	John F. Kennedy Middle School	Cupertino, CA, USA
Syrian Flask	Cole Takara	Pinewood School	Los Altos Hills, CA, USA
Underwater Hotel	Zachary Trippodo	Fairfield Ludlowe High School	Fairfield, CT, USA

ENGINEERING: SECONDARY EDUCATION

Design	Student Name	School	City, State, Country
3-D Centrifuge Molding	Zachary Keeler	Tri-County Regional Vocational Technical High School	Franklin, MA, USA
Active Soldering Iron Stand	Kevin Kohls	Tri-County Regional Vocational Technical High School	Franklin, MA, USA
Drill press C.N.C. attachment	Joesph Busch	Benilde-St.Margaret's	St. Louis Park, MN, USA
Dryer Hands	Kaden Kar	Grand Haven High School	Grand Haven, MI, USA
Eco-Copter 111	Nora Heaphy	Engineering and Science University Magnet School (ESUMS)	West Haven, CT, USA
Handle and Paint Roller Redesign	Kathleen Kohlstrom	Tantasqua Regional High School	Fiskdale, MA, USA
IV Catheter	Collin Correia	Grand Haven High School	Grand Haven, MI, USA
Lock Chap Stick	Michael Smith	Westfield High School	Westfield, IN, USA
Modular Hexagonal Extension	Li Cheng Yu	Etobicoke Collegiate Institute	Toronto, Ontario, Canada
Strainer Container	Damon Mohan	Norwalk High School	Norwalk, OH, USA

ENGINEERING: POST-SECONDARY

Design	Student Name	School	City, State, Country
3D Bone Fixation System	Zachary Stevens	West Virginia University	Morgantown, WV, USA
3D Printed Braille Alphabet	Marco Magaña	ITESM Puebla	Cuernavaca, Mexico
Be Board Deck	Lambert Egbuchiam	St. John's University	Jamaica, NY, USA
HyperShot	Aris Peci & Remi Carreiro	Ryerson University	Toronto, Ontario, Canada
Intelligent Waterbots	Jason Fontaine	San Jacinto College	Pasadena, TX, USA
Jansen Chair for People Who Have Reduced Mobility	Ricardo Valdes & Alejandro Miranda	Metropolitan Autonomous University (UAM-A) Campus Azcapotzalco	San Mateo Atenco, Mexico
Resin Transfer Mold redesign with Additive Manufacturing	Biranchi Narayan Panda	National Institute of Technology, Rourkela	Singapore
sketchHold	Alborz Razavitousi & Arman Ghafouri-Azar	Ryerson University	Toronto, Ontario, Canada
The Go Brush	Daniel Carey & Khaliq Azizi	Ryerson University	Toronto, Ontario, Canada
Together	Giovanny Gutierrez Coraza & Valeria Jacal Cruz	Instituto Tecnológico Superior of San Martín Texmelucan (ITSSMT)	San Martín Texmelucan, Puebla, Mexico