

2015 Extreme Redesign 3D Printing Challenge

Regional Semi-Finalists in each category

Art & Architecture (13)

Design	Student Name	School	City, State, Country
A Mother's Love	Brittany Gragg	Autry Technology Center	Enid, OK, USA
AduroSphaer	Jonah Sandin	Lincoln East High School	Lincoln, NE, USA
Bumbuku the Badger Tea Kettle	Emily Takara	Stevens Creek Elementary	Cupertino, CA, USA
Colesseum Bracelet	Kylie Chow	Academy for Math, Science, and Engineering	Rockaway, NJ, USA
Evolving Heel	MacLain Credeur Autumn Hauer	Michigan State University	East Lansing, MI, USA
Helix-Shaped Sharpener	Haya Alnibari Ti Fu	Ryerson University	Toronto, ON, Canada
Insect Plate	Cole Takara	Pinewood Upper Campus	Cupertino, CA, USA
Not Your Average Ring	Alexandra Murray	Lincoln East High School	Lincoln, NE, USA
Notre Dame Coin Sorter	Jinfay Yuan	Academy for Math, Science, and Engineering	Rockaway, NJ, USA
Prismatic	Ashley Christensen Lauren Aquilina	Michigan State University	East Lansing, MI, USA
Skyline Chandelier	Shalin Mehta	Academy for Math, Science, and Engineering	Rockaway, NJ, USA
The Modern Cipher	Naomi Bonilla	Bergen County Academies	Hackensack, NJ, USA
The Subspace	Hou Shun Poh	National University of Singapore	Singapore

Engineering: Secondary Education (38)

Design	Student Name	School	City, State, Country
4x4x4 Rubik's Cube for the Blind	Jenni Silverstein	Academy for Mathematics, Science, and Engineering	Rockaway, NJ, USA
Better Coffee Cup	David Snavely	Lincoln East High School	Lincoln, NE, USA
Burton Bullet Tool	Ryan Rubicz	Westfield High School	Westfield, IN, USA
Collapsible Dolly	Ethan Blayney	Lincoln North Star High School	Lincoln, NE, USA
Crutch	Kimberly Morales Blanca Tzul	Alief Elsik High School	Houston, TX, USA
Dual Cone Combination Turbine	Max Faiman	Trabuco Hills High School	Mission Viejo, CA, USA
Electric Generator	Anel Miljkovic Erika Lancon	Alief Elsik High School	Houston, TX, USA
Fit Fins	Nick Brauer	Westfield High School	Westfield, IN, USA
Go-Go Water Bottle	Ethan Copes	Lincoln East High School	Lincoln, NE, USA
Grade Bottle Cap	Trevin Wisaksana	EF International Academy Torbay	Torquay, United Kingdom
Guitar Pick Guard	Nolan Rodgers	Westfield High School	Westfield, IN, USA
GyRow Gyroscopic Cupholder	Michael Day	E. L. Bowsher High School	Toledo, OH, USA

HUNCH 2015 Zero Gravity Scale	Thomas Vagnini Kevin Kohls	Tri-County Regional Vocational Technical High School	Franklin, MA, USA
Improved Camera Stand for Multimedia Artists	Mia Di Maio Tara Linneman	New Paltz High School	New Paltz, NY, USA
Lotus Esprit High Performance Intake Manifold	Cooper Frazier	Kempsville High School	Virginia Beach, VA, USA
Low Cost Myoelectric 3-D Printed Prosthetic Hand	Jack Gallahan	Pine View School	Osprey, FL, USA
Marimba Grip Innovation	Asia Fontenot Gabriela Medrano	Alief Elsik High School	Houston, TX, USA
Mini Riptide	Kunj Parmar	Bergen County Academies	Hackensack, NJ, USA
Monkey Grip	Carlos Salgado Gabriella Acosta	Hobart High School	Hobart, IN, USA
Multi-Axial Modular Tent	Chad Fisher Eli Fastow	Pikesville High School	Baltimore, MD, USA
Pender Premium Pump Bottle	Quinton Pender Collin Allen	Hobart High School	Hobart, IN, USA
Permanently Affixed Lens Cap Concept	Matthew Downing	Etobicoke Collegiate Institute	Toronto, ON, Canada
Phone Holder	Riley Milhon	Lincoln East High School	Lincoln, NE, USA
Quick Lock Carabiner	Dreyson Nichols	Campbell County High School	Gillette, WY, USA
Quick Space	Jessica Pan	Academy for Mathematics, Science, and Engineering	Rockaway, NJ, USA
Rescutube	Thomas Kraemer	Liverpool High School	Liverpool, NY, USA
Roll-Ease Table and Chair Gliders	Brent Petersen	Grand Haven High School	Grand Haven, MI, USA
Shovel Handle	Ryan Burque Sam Robertson	Tantasqua Regional High School	Fiskdale, MA, USA
Socket Cube Concept	Li Cheng Yu	Etobicoke Collegiate Institute	Toronto, ON, Canada
Storage Cutting Board	Evan Saylor	LISD TECH Center	Adrian, MI, USA
Surfboard Hydrofoil	Kahiamaikalani Walker	Kamehameha Kapalama High School	Honolulu, HI, USA
T.O.T. Pedal	Jake Schroeder	Waubonsie Valley High School	Aurora, IL, USA
The Cookie Dunker	Krishna Patel	Academy for Math, Science, and Engineering	Rockaway, NJ, USA
The Key Capper	Derek Hooker Andrew Raney	Campbell County High School	Gillette, WY, USA
The Magic Mug	Dustin Gray	Campbell County High School	Gillette, WY, USA
Timed Tea Steeper	Kesha Shah	Academy for Mathematics, Science, and Engineering	Rockaway, NJ, USA
Toilet Flusher	Austin DeBok John Halloran	Willowbrook High School	Villa Park, IL, USA
Zero Gravity Mixer	Joshua Fuller	Tri-County Regional Vocational Technical High School	Franklin, MA, USA

Engineering: Post-Secondary (24)

Design	Student Name	School	City, State, Country
Base for Touch Screen	Benito Zavala Alba	Universidad Politecnica de Puebla	Puebla, Mexico
Collapsible Longboard	William Irwin Brendan Burke	Florida Polytechnic University	Polk City, FL, USA
Cooling with Heat	Melanie Gralow Lena Heemann	University of Bremen	Bremen, Germany
Flex Key	Mahan Navabi Mark Eyk	Ryerson University	Toronto, ON, Canada
Go-Figure	Acy Gaylord	Oklahoma State University	Stillwater, OK, USA
Hot Air Popcorn Popper	Claud Boyd	Aiken Technical College	Graniteville, SC, USA
Ice Twist	Alexandre Beznogov Jossef Roozitalab Shirazi	Ryerson University	Toronto, ON, Canada
Jam-Free Easy Drain Sink	Kewal Chand Swami Pratik Raj	Indian Institute of Information Technology, Design and Manufacturing, Jabalpur	Jabalpur, India
Lenses	Alejandro de Jesus Hernandez Hernandez Jose Manuel Hernandez Hernandez	Universidad Politecnica de Puebla	Puebla, Mexico
Magnetic Direction	Eber Alberto Vazquez Cuautle	Universidad Politecnica de Puebla	Puebla, Mexico
On-Road Bicycle Resistance Trainer	Drew Gonsalves	University of Florida	Gainesville, FL, USA
OSU SAE BAJA A-Arm Mount	Lucas Hays Carson Depew	Oklahoma State University	Stillwater, OK, USA
Phone Holder	Zach Fields Codi Trotter	Aiken Technical College	Aiken, SC, USA
Radical 'O' Dryer	Chek Chong Tan Joel Loy Zhen Jie	Singapore Polytechnic	Singapore
Rim	Luis Angel Larrieta	Universidad Politecnica de Puebla	Puebla, Mexico
Rotating Cabinet	Jo In Hyuk	Chonbuk National University	Jeollabuk-do, South Korea
Safety Hammer	Tao Xingyu	Temasek Polytechnic	Singapore
SAL EOD Robot	Chris Jackson Arnold Morales	Ivy Tech Community College	Indianapolis, IN, USA
Six Pack	Ryan Doner	Oklahoma State University	Stillwater, OK, USA
Slider Top Cooler	Olivia Matthews	Aiken Technical College	Aiken, SC, USA
The LiD	Mark Nighswonger	Aiken Technical College	Graniteville, SC, USA
The V-Arm	Nathan Barrow	University of South Florida	Largo, FL, USA
Toilet Paper Dispenser	Parker Inglee	Oklahoma State University	Stillwater, OK, USA
Top	Ethan Gallagher	Virginia Tech	Blacksburg, VA, USA