

Additional Resources

Educational projects:

- [Onshape to save your STEM classroom](#)
- [Onshape Co-founder Jon Hirschtick: "Why we created Onshape"](#)
- [Onshape Features and Benefits](#)
- [Onshape voice of the user testimonial](#)
- [Robots to the Rescue Award Ceremony \(virtual robotic competition for students, realized in Onshape\)](#)
- [Onshape student hackathon in Africa](#)
- [Report Covid 19 Onshape Hackathon in Africa](#)
- [Onshape Instructor Guide](#)

Webinars:

- [Making the Switch to Onshape for K12 Education](#)
- [Making the Switch to Onshape for University Education](#)
- [Onshape Webinar recording - Usage of Onshape in the university classroom](#)
- [Onshape Education European Webinar](#)

Educational projects:

- [Onshape Sphere](#)
- [Onshape Eyeglasses](#)
- [Submarine Design](#)
- [Onshape User Group Resources](#)

Lesson ideas:

- [Lesson Idea 1: Build Leonardo da Vinci's Ornithopter](#)
- [Lesson Idea 2: Design a Next Gen Personal Vehicle](#)
- [Lesson Idea 3: Molecule Modeling](#)
- [Lesson Idea 4: 2L Water Rocket](#)

- [Lesson Idea 5: 3D Print Spinning Tops](#)
- [Lesson Idea 6: Laser Cut Projects](#)
- [Lesson Idea 7: Modeling Nature](#)
- [Lesson Idea 8: Designing UAVs/Quadcopters](#)
- [Lesson Idea 9: Using Curves/Helices in Models](#)
- [TeachProductDesign Tutorials in Onshape](#)

Press articles in German (feel free to insert the content into any translation tool)

- [May 2020 CAD-Software Onshape von PTC für #wirvsvirus Hackathon](#)
- [July 2020: Landratsamt München](#)
- [August 2020: MINT Zukunft Schaffen](#)
- [July 2020 BMBF MINT Allianz](#)
- [February 2021 Education Roundtable Digitaler MINT Unterricht](#)
- [March 2021, Easter Coding](#)

Industrial Onshape references:

- [E.GO Onshape Demonstration](#)
- [DHL Robotics Webinar](#)
- [Garrett - Advancing Motion](#)
- [Onshape Aerospace Industry](#)
- [SaaS Solutions for Industrial Software](#)
- [How Exxentric designs the popular flywheel training products with Onshape](#)
- [Learn how DHL drives changes from the Digital to Physical World with Onshape](#)
- [Deloitte's Tech Fast 50 Innovator, Avidbots on Onshape for Improved Productivity and Collaboration](#)
- [Robotic Industrial Floor Cleaning – An Interview with Avidbots CEO Faizan Sheikh](#)
- [SaaS Transforming Product Development into Product Innovation](#)
- [How to Use Onshape's Versatile Sheet Metal Tools for Consumer Packaging Design](#)
- [Cloud-Based CAD for Electric Vehicle Design](#)
- [Atlas Cloud Platform](#)

All #OnshapeLive sessions are [now available](#) on-demand!

Onshape Live '21 is a **free four-hour virtual conference** highlighting industry success stories, best practices for product developers, tips and tricks for cloud-based CAD and data management, insights on engineering education, and professional networking opportunities.

- » If you already registered - you can simply sign in and access all sessions
- » If you didn't register yet - you still can, and you'll have access to all sessions immediately

Check out **Episode 3 of the Third Angle Podcast** [here](#).

Paul Haimes from PTC talks with Dan Pallett, lead teacher and head of engineering at Chiltern Academy, who is changing the curriculum with Onshape, in order to create future industrial talents in a digitally connected world!

- » Discover the winners of the [First Annual Onshape Educator Awards!](#)

Recordings of the PTC Digital Transformation in Education Summit:

- [PTC Tech in Education with Jordan Cox, SVP PTC Education | PTC DX in Education Summit](#)
- [Reimagining Design Education with Cloud-CAD | Alison Olechowski](#)
- [CAD and DX, SaaS Disruption with Dave Corcoran | PTC DX in Education Summit](#)
- [Teaching Smart Manufacturing with Industry Ready Technologies | Yuri Hovanski](#)
- [Panel Session | PTC DX in Education Summit](#)

If you want to develop your design skills in Onshape, check out the [Onshape User Community](#) and make sure to register for our next upcoming [Onshape Education User Group](#) meeting!

- » Consider signing up even if you can't attend, as you can always still review the meeting on a later occasion