

Autodesk is pleased to offer students and educators participating in RoboNation competitions free access to Autodesk® software and learning resources. Based on the nature of the competitions, the following software is recommended. All software is intended for ages 13+ unless otherwise noted.

Air Competitions:

Student Unmanned Air Systems (SUAS)

Autodesk® Fusion 360™	The first 3D CAD, CAM, and CAE tool of its kind. It connects your entire product development process in a single cloud-based platform that works on both Mac and PC.	Access here.
Autodesk® CFD	Provides fast, accurate, and flexible fluid flow and thermal simulation tools to help you make great products.	Access here.
Autodesk® Nastran® In-CAD	Offers a wide-range of simulation spanning across multiple analysis types.	Access here.
NetFabb®	Brings additive design and manufacturing tools together in a single software environment, giving product designers and engineers all the tools they need to optimize, validate, and successfully produce models using additive manufacturing processes.	Access here.

International Aerial Robotics Competition (IARC)

Autodesk® Fusion 360™	The first 3D CAD, CAM, and CAE tool of its kind. It connects your entire product development process in a single cloud-based platform that works on both Mac and PC.	Access here.
NetFabb®	Brings additive design and manufacturing tools together in a single software environment, giving product designers and engineers all the tools they need to optimize, validate, and successfully produce models using additive manufacturing processes.	Access here.

Land Competitions:

Intelligent Ground Vehicle Competition (IGVC)

Autodesk® Fusion 360™	The first 3D CAD, CAM, and CAE tool of its kind. It connects your entire product development process in a single cloud-based platform that works on both Mac and PC.	Access here.
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Maritime Competitions:

RoboBoat, RoboSub, Maritime RobotX

Autodesk® Fusion 360™	The first 3D CAD, CAM, and CAE tool of its kind. It connects your entire product development process in a single cloud-based platform that works on both Mac and PC.	Access here.
Autodesk® CFD	Provides fast, accurate, and flexible fluid flow and thermal simulation tools to help you make great products.	Access here.
Autodesk® Nastran® In-CAD	Offers a wide-range of simulation spanning across multiple analysis types.	Access here.
NetFabb®	Brings additive design and manufacturing tools together in a single software environment, giving product designers and engineers all the tools they need to optimize, validate, and successfully produce models using additive manufacturing processes.	Access here.
Autodesk® 3ds Max®	3D modeling, animation, and rendering software for games and design visualization.	Access here.
Autodesk® EAGLE™	Bring your next spark of an idea to life with powerful, easy-to-use PCB design software made for every engineer.	Access here.

The SeaPerch Challenge

Autodesk® Tinkercad™ (All ages)	Easiest 3D design and 3D modeling platform online to go from mind to design in minutes. Ideal for people new to 3D design.	Access here.
Autodesk® Fusion 360™ (Must be age 13+)	The first 3D CAD, CAM, and CAE tool of its kind. It connects your entire product development process in a single cloud-based platform that works on both Mac and PC. For individuals with 3D design experience.	Access here.

To find additional software and resources, for students ages 13+ and educators, please visit the [Autodesk Education Community](#).

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