

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.	<a href="#">Access here.</a>
Autodesk® CFD	Provides fast, accurate, and flexible fluid flow and thermal simulation tools to help you make great products.	<a href="#">Access here.</a>
Autodesk® Nastran® In-CAD	Offers a wide-range of simulation spanning across multiple analysis types.	<a href="#">Access here.</a>
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.	<a href="#">Access here.</a>

### **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.	<a href="#">Access here.</a>
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.	<a href="#">Access here.</a>

## **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.	<a href="#">Access here.</a>
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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.	<a href="#">Access here.</a>
Autodesk® CFD	Provides fast, accurate, and flexible fluid flow and thermal simulation tools to help you make great products.	<a href="#">Access here.</a>
Autodesk® Nastran® In-CAD	Offers a wide-range of simulation spanning across multiple analysis types.	<a href="#">Access here.</a>
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.	<a href="#">Access here.</a>
Autodesk® 3ds Max®	3D modeling, animation, and rendering software for games and design visualization.	<a href="#">Access here.</a>
Autodesk® EAGLE™	Bring your next spark of an idea to life with powerful, easy-to-use PCB design software made for every engineer.	<a href="#">Access here.</a>

## 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.	<a href="#">Access here.</a>
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.	<a href="#">Access here.</a>

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

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