

# Opening Your New Challenger Learning Center



## CHALLENGER LEARNING CENTER SIMULATOR

At the heart of every Challenger Learning Center is a state-of-the-art simulator composed of several interconnected spaces. These environments – Briefing Room, Mission Control, Transport, and Spacecraft – create a realistic, purpose-driven simulation. Together, these spaces create an immersive, hands-on STEM experience where every student is an essential part of the crew.



### BRIEFING ROOM

The experience begins in the **Briefing Room**, where students are introduced to their Mission: launch a rover to a comet, search for life on Mars, or study Earth's climate from space. Assigned to one of nine specialized teams, like Biology, Robotics, or Navigation, they split into two crews: Mission Control and Spacecraft.



### MISSION CONTROL

**Mission Control** operates from a high-tech center modeled after Blue Origin's real facility. At sleek consoles with computers and headsets, students collaborate to monitor data, troubleshoot issues, and coordinate with the Spacecraft crew.



### SPACECRAFT

After passing through the Airlock, they enter the **Spacecraft** where they work collaboratively, using tools like 3D printers and microscopes to conduct experiments and relay findings back to Mission Control.



### TRANSPORT ROOM

Meanwhile, the Spacecraft team starts in the **Transport Room**, strapping in for a launch simulation with rumbling seats and immersive effects.

## ESTABLISHING A CHALLENGER LEARNING CENTER

Opening a Center in your community is a multi-year journey built on close collaboration between you and Challenger Center. Together, we create an innovative, immersive educational experience that will inspire generations of students.

## HOSTING A CHALLENGER LEARNING CENTER

Challenger Learning Centers are hosted by a diverse range of institutions—nonprofits, school districts, community colleges, and universities—each dedicated to transforming education in their communities.

## BUILD AND MANAGE A CHALLENGER LEARNING CENTER

Installing Challenger Center's state-of-the-art simulator requires an investment starting at \$2.5 million. Depending on your facility's renovation or construction needs, additional costs may range from \$3 to \$5 million or more depending upon your choices.

### HOST RESPONSIBILITIES

- Secure and prepare appropriate physical space for the Center
- Raise and allocate necessary startup and operational funding
- Oversee site preparation and facility readiness
- Manage day-to-day operations of the Center
- Develop and implement strategies to ensure long-term sustainability
- Comply with Challenger Center Headquarters standards and reporting
- All Centers pay an annual licensing fee

### CENTER RESPONSIBILITIES

In addition to building the simulator for your community, Challenger Center provides training, program updates, and strategic support to help your Center thrive for years to come. This includes expert guidance on fundraising, access to new programs as released, resources on branding, and customer service support. Centers also gain access to the expertise of our nationwide network.

## STEPS TO CREATE A CHALLENGER LEARNING CENTER



### DISCOVERY

The journey begins by exploring the feasibility of a Center in your community. Challenger Center helps assess your market and engage key stakeholders like school leaders, local government, colleges, and business or nonprofit partners.

### JOIN OUR NETWORK

Challenger Learning Centers are inspiring students in communities across the country. Let's work together to bring this opportunity to your region and ignite a passion for STEM that lasts a lifetime.



### LET'S GET STARTED

Whether you're just exploring or ready to move forward, Challenger Center is here to help. Contact us to learn more.

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[www.challenger.org](http://www.challenger.org)

