MINECRAFT EDUCATION: BUILD CHALLENGE JUMPSTART KIT

WHAT IS THIS RESOURCE?

- This is a guide in how to run build challenges using Minecraft Education.
- It provides strategic guidance in understanding what are build challenges, what build challenges are available, how to use build challenges, and how to create your own build challenges.
- This resource contains multiple links to help you locate existing resources for ready-to-use build challenges.
- All build challenges require the use of Minecraft Education.

HOW DO I GET MINECRAFT EDUCATION:

- Go to the Get Minecraft Education download page.
- Select the version of Minecraft Education that is compatible with your device and download it.
- Install the version of Minecraft Education that you downloaded.
- Launch Minecraft Education.
- If you are a user in a Microsoft-verified academic organization with Microsoft 365 accounts or need assistance in obtaining licensing, please refer to the Licensing & Deployment Guide. This comprehensive guide will explain how to download and sign in to Minecraft Education, learn best practices for managing licenses efficiently, and direct you to resources for getting started

HOW DO I GET HELP IF I AM NEW TO MINECRAFT?

- There is a quick start guide for teachers here.
- If you are looking for additional support, check out the Getting Started page on the Minecraft Education website.
- You should also consider joining the Minecraft Education Teacher Lounge group. Connect with other educators and administrators utilizing Minecraft Education.
- There are a series of short videos on using Minecraft Education here.
- Have a technical question? Check out the Minecraft Support Center.

INTRODUCTION:

Are you looking for a way to engage your students? Minecraft Education is a dynamic and immersive tool that transforms learning in the classroom. By harnessing the power of creativity, collaboration, and critical thinking, students can explore historical landmarks, construct architectural wonders, and solve complex problems—all within the captivating virtual world of Minecraft. Engage your students with this innovative platform and watch their imaginations soar!

Minecraft Education can be used for both self-directed learning or facilitated learning by leveraging the hundreds of pre-built lessons and tutorials to teach campers across subjects and ages.

This guide should be used to assist educators in thinking through, planning for, and utilizing Minecraft Education build challenges. The planning guide provides practical and detailed information on how to get started with using Minecraft build challenges with students.

WHAT ARE BUILD CHALLENGES?

Minecraft Education build challenges are engaging activities ranging from 30-90-minute designed for students in various learning environments. Depending on your learning objectives, the build challenges can easily be adapted to fit within your desired time frame. Students explore themes such as architecture, history, and science, with the result being their own virtual construction within the Minecraft world – hence the name build challenges!

Whether it's building a historical monument, designing a futuristic city, or solving math problems through construction, these challenges can provide an interactive experience reinforcing academic standards. By participating, students enhance their problem-solving skills, learn about different subjects, and have fun while building and exploring!

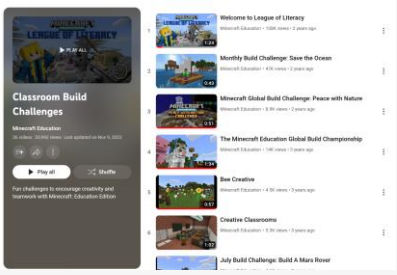
What Build Challenges already exist?

This is the existing repository of ready-to-use build challenges

Build challenges can easily be found on the [Minecraft Education website](#).

The build challenges are also located in the in-game library for easy student access.

You can also use the [printable master list](#) of the Minecraft Build Challenges for easy planning.



We have a [YouTube playlist](#) with an overview of various build challenges.

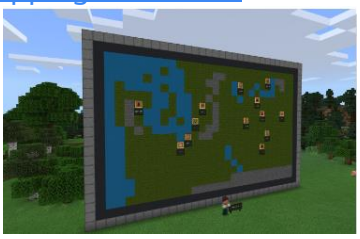
HOW CAN BUILD CHALLENGES BE UTILIZED IN MY LEARNING ENVIRONMENT?

There are numerous opportunities and ways to integrate Minecraft Education build challenges. Educators can utilize build challenges by subject areas, seasonal/thematic connections, or by specific skill focus.

Subject Areas

Often, educators are looking for additional ways to have students learn and/or demonstrate their knowledge in specific subject areas. Build challenges are open-ended enough to easily adapt and support learning in different content areas. Here are some great examples of build challenges aligned to subject areas.

LITERACY	MATHEMATICS	SCIENCE
Block Biography 	Data Dash 	Minecraft Micro Models 
Indigenous Stories 	Area and Volume 	A Case for Biodiversity 
Story Setting 	Gone Fishing! 	Zero Waste 
HISTORY	FINE ARTS	COMPUTER SCIENCE

Mapping Our World 	Pixel Portraits 	Coding Coral 
The Hall of Inventions 	Color Wheel 	Harvest Time 
Historical Homes 	Patterns, Repetition, Rhythm 	Agent to the Rescue! 

Seasonal / Thematic

Incorporating real-world elements into education enriches the learning process and empowers students to take pride and ownership of their learning. Whenever possible, providing practical examples and bringing real-world context into the instructional day is a powerful experience for students. Seasonal and thematic experiences based on the time of year, celebrations, and cultures are engaging for students.

BACK TO SCHOOL	FALL	JUNETEENTH
Super Schools 	Pumpkin Carving 	Juneteenth Build 
TEACHER APPRECIATION	**HALLOWEEN**	**SPACE**

Teacher Appreciation 	Monster Mashup 	Build a Mars Rover 

Skill-Focused

Build challenges also provide students with authentic opportunities to practice and develop their skill sets, like creativity, critical thinking, collaboration, and communication. Students can work together in multiplayer mode to cooperate and complete build challenges together.

CREATIVITY	COLLABORATION	CRITICAL THINKING
Amazing Architecture 	Building Community 	Save the Ocean 
Build a Treehouse 	Empathy Train 	Blackjack Challenge 

CAN I CREATE MY OWN BUILD CHALLENGES?

Absolutely! The structure of Minecraft build challenges are simple – pose a challenge (or task) to students and invite them to design solutions. Students can work individually or in teams using the multiplayer feature. The challenges can be a competitive task, a way to bring students together to demonstrate their learning, or even a way to bring the community together to solve a problem.

NEED SOME INSPIRATION?

Check out these unique Minecraft build challenges!

Schools Reinventing London 	Schools Reinventing Bueno Aries 
Battle of the Boroughs 	Schools Reinventing the Netherlands 

Use the toolkit to help you in designing your own challenge!

Watch the trailer for the Schools Reinventing Cities.

Here are additional resources to assist in your own planning.

	Want to plan your own custom build challenge in your classroom, club, district or city-wide? Check out our Minecraft Education Custom Build Challenge Toolkit HERE!
	Challenge Resources