MINECRAFT
EDUCATION EDITION

SCOTLAND BUILD CHALLENGE
SUSTAINABLE BY DESIGN

Aspire 2Be.

INTRODUCTION

Welcome to the Minecraft Education Scotland Build Challenge!

This Teacher Kit is designed to provide you with all the information you need to help your students form teams and create their project to enter the Challenge.

Challenge your learners to work in teams of one to four to design and build using the provided prompt, 'Sustainable by Design' World, and learning plan.

Promote creativity, collaboration, and problem solving while giving your students a way to stay connected in a game-based learning environment they love.

You will need a licensed copy of Minecraft: Education Edition to complete the build challenge. If you would like more information about obtaining Minecraft: Education Edition, go to **Quick Start | Minecraft Education Edition**.

You will need an Office 365 Education account to log in to the full version of Minecraft: Education Edition.

You will need to download the file entitled 'Aberdeenshire Build Challenge' to begin the build challenge. Go **HERE** to access a copy or find it in the Minecraft: Education Edition library.
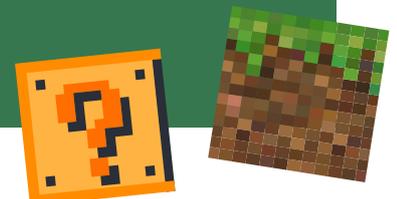
BUILD CHALLENGE RULES

Region:	Start Date:	Entries Due Date:	Winners Announced:
Aberdeenshire	9th May 2022	20th May 2022	27th May 2022

Student Ages:
8-14+

Subjects:
Citizenship, Environment, Climate Change, Sustainability, Lifestyle and Diversity.

Skills:
Analysis, Evaluation, Working with Others, Critical Thinking and Problem Solving

Scotland Curriculum for Excellence Areas
Health/Well-being: HWB 2-13a, HWB 3-13a, HWB 4-13a
Sciences: SCN 2-04b, SCN 3-04b, SCN 4-04b
Social studies: SOC 2-08a, SOC 3-08a, SOC 4-08a
Technologies: TCH 3-07a, TCH 4-07a, TCH 4-07a

READY TO BUILD

Your class group now have learned about sustainable development, the issues facing our planet and have discussed possible solutions. They have been given some ideas for sustainable living and the community and had opportunity to think about how this will might be represented in Minecraft.

Remind the class of the build challenge prompt:

Today's world is facing serious global emergencies due to climate change. Global warming, biodiversity loss, and pollution are a few of several human-caused emergencies. Together we can make 2022 a turning point for our planet and transform our relationship with nature.

The global community, through the United Nations, is trying to respond to these pressing challenges in a collective manner through the Sustainable Development Goals. Drawing from these Goals and using Minecraft: Education Edition, build a solution for your community that shows how we can change unsustainable behaviors for ways of living in harmony with nature.

You can encourage student to research information about sustainable living, sustainable communities and the sustainable development goals. This can be housing, nature reserves, sports stadiums or anything that students can creatively come up with using Minecraft: Education Edition!

The class can now divide into teams to start working together through the Minecraft world 'Sustainable by Design'. Don't forget to look at the judging criteria on the last page of this document for guidance.

Suggestions for team roles are as follows:

Team Leader
This can be a teacher and their main role is to submit entries. Students will do 100% of the building but teachers can advise and assist as needed. Students that act as Team Leader and are under 18 must have a parent or teacher submit their team's entry.

Project Manager
Keeps team focused on overall objectives and timings. Quality assurance before submission.

Building Manager
Main (but not the only) builder in Minecraft world. This should be given to the team member with the most Minecraft experience.

Criteria Manager
Works with the team to ensure the world incorporates the judging criteria (listed on the last page of this document).

SUBMIT YOUR ENTRY

You are now ready to submit your entry for the Scotland Build Challenge!

Each team must record a short (2 mins maximum) MP4 screen recording of their finished build, explanations, and submit their entry via the Minecraft Build Challenge Team that your teacher has joined.

- Only submit MP4 files that are no more than 2 minutes in length
- Make sure to mention your team's name and school ONLY. Do not give your names on your videos or show anyone's faces please.

Name your file starting with the name of your team & school

- *Eg. Bigshots_FerryhillPrimary*

Students under 18 will need a parent, guardian, or educator to submit their world.

The Team Leader will not provide any individual Team Member's personal information or identifying content (e.g., people's faces, name, age, personal location) in the information/ submissions they provide as part of the Scotland Build Challenge: Sustainable by Design, only a team name is required to identify the Team Member/(s).

All entries will be scored using against the rubrics listed on the following page of this document.

! **Entries must be received by 20th May 2022 to be eligible to win awesome Minecraft swag!**

JUDGING CRITERIA RUBRIC

The submission will be assessed against these learning objectives using the following rubric. Each requirement is equally weighted.

	Beginning	Developing	Accomplished	Exemplary	Score
	1	**2**	**3**	**4**	
Submission demonstrates a concise knowledge and understanding of what improves and harms our environment.	The submission doesn't address this requirement.	The submission somewhat addresses the requirement, but not in a cohesive or concise manner.	The submission addresses the requirement. The information is presented accurately and in a concise manner.	The submission addresses the requirement in meaningful and relevant way. The information is concise, accurate and supported with relevant evidence.	
Submission demonstrates knowledge and understanding of the different kinds of roles and responsibilities we have to our environment.	The submission doesn't address this requirement	The submission somewhat addresses the requirement, but not in a cohesive or concise manner.	The submission addresses the requirement. The information is presented accurately and in a concise manner.	The submission addresses the requirement in meaningful and relevant way. The information is concise, accurate and supported with relevant evidence.	
Submission demonstrates clear solutions as to how we can better allocate resources in a better way for the environment, as a community and as individuals.	The submission doesn't address this requirement	The submission somewhat addresses the requirement but is not sufficiently creative.	The submission addresses the requirement. With some innovative or creative solutions explored.	The submission addresses the requirement in meaningful and relevant way. The solutions are innovative and creative.	
The submission demonstrates collaborative work, good communication and a strong sense of community.	The submission doesn't address this requirement	The submission somewhat addresses the requirement.	The submission addresses the requirement. With clear collaboration, community or communication.	The submission addresses the requirement in meaningful and relevant way. The submission is clearly collaborative, has made excellent use of communication and build a positive community approach.	