



MY SUSTAINABLE COMMUNITY COMPETITION

KS2 Young Person's Guide – How to Get Started!

Sustainability



The earth has lots of resources that won't last forever unless used sustainably; these include oil, fossil fuels and natural gases. We use these daily, from heating our homes to running our cars. Unfortunately, across the world, we are now using these resources at a rate faster than we can make them, meaning they are currently unsustainable. They also contribute to climate change, as fossil fuels release greenhouse gases when burnt.

Because of this, scientists across the world and many governments are encouraging people to opt for sustainable forms of renewable energy like wind and solar power. These are forms of energy that originate from the environment surrounding us and cannot run out.

What do I have to do?

This is your brief



It gives you the starting information for what you have to do. So, what are the key points?

- *Design your own community, as if you were building on a completely empty piece of land*
- *You need to plan for 150 homes for people to live in*
- *You also need to think about what those people need, like food, heating, education and keeping healthy!*
- *Most importantly, the community needs to be **SUSTAINABLE!***

EESW IET 150 - MY SUSTAINABLE COMMUNITY Competition Brief

Our communities have evolved over thousands of years, but never before has sustainability been so important.

You are required to design and build a sustainable community, similar to where you live, but from the beginning. Imagine an open piece of land with nothing on it, a blank canvas, this is where you begin.

You should include 150 homes for the people within the community to live in, the rest is up to you. You need your community to be sustainable, that means considering the environment and everything that lives in it.

From providing shelter and water, to heating, food sources and your economy, the challenge is yours. Where will the community buy goods? Where will they work? Where will they go for education or if they feel unwell? And finally, how will they get there?

These choices and so many more will be yours to make as you design and create your own sustainable community!

What do I have to make?

You should make a poster/booklet, which contains details of the research and design of your sustainable community, and a model which shows how some of your community will work.

What you submit depends on your group size, as you can see here →	Group Size	What you should submit
	<i>Individual</i>	A poster, plus a small community model or individual model of part of the community.
	<i>Small group (2- 10 people)</i>	A project booklet, plus a completed community model or several individual models of different areas of the community.
	<i>Large group (10+ people)</i>	A class project booklet, plus a completed community model or several individual models of different areas of the community.

This is just a suggested amount, and there is no maximum or minimum! Models can be physical or digital, or both.

Wondering where to start?

- 1) Research sustainability using the TED ED videos on the intro PowerPoint.
- 2) Have an explore around your local community (school, homes, town center etc.) – can you see anything that is unsustainable? If so, maybe this could be your starting point?
- 3) Start to brainstorm ideas and research possible solutions to help make your community more sustainable.
- 4) Preparing initial designs, record all sketches, design ideas and models to show progression of ideas.
- 5) Develop your designs to a finished concept and produce any display or digital models to represent the community/specific part of the community you have focused on.
- 6) Complete your poster/booklet describing your sustainable community. Your poster/booklet should describe the problem, your research, solutions, designs and an evaluation of what you have done.



The deadline to complete the MY SUSTAINABLE COMMUNITY competition is Friday 28th January 2022.