



Lesson 6: School Summer Climate Action Challenge (Part three)

Exercise 1: Introducing the design process for a recycling bin strategy for GFMAT

Teachers notes: 15 minutes

In the last School Summer Climate Action Challenge you collectively chose 'recycling' as the theme for the challenge. We have discovered that there is very little recycling activity undertaken across GFMAT at present, so this is an excellent theme.

We would like to work with you to come up with a plan for recycling bins in the classroom and to test a prototype over the summer term.

The learning from this test will help design a recycling bin plan (and bins) for GFMAT to introduce in 2023.

Let's spend a little time introducing the design process for our project. We will create a recycling bin strategy that:

- Educates fellow students on why it is important to recycle
- Provides bins that inspire fellow students to sort rubbish and recycle
- Allows us to record what is thrown away and use this data to reduce GFMAT's collective carbon footprint over time

For the Summer Climate Action Challenge we will:

- Prepare and present information for fellow students that educates about why
- Provide them with temporary boxes to start sorting rubbish for recycling
- Record weight and volume data for the period of the Challenge to understand more about what is currently thrown away

Have a brief initial discussion about what you will need to know to be able to deliver this Challenge?



Exercise 2: Creating a story about why we should want to recycle - Educate

Teachers note: 30 minutes

Several thousand pupils study at primary and secondary schools in Gosport and Fareham MAT's family. Collectively we can make quite a difference to the planet's carbon footprint when we recycle. If we can provide some examples of how our actions help others around the world, as well as in the UK, this may help pupils and teachers value the importance of recycling. So we are going to choose a few of the stories now that we want to find out more about and share when we set our recycling challenge in the Summer term.

Find these stories on the [Climate Explorer resource](#) and take a look at a few of the short films.

- **The Pacific Turtles of Rapa Nui**
- **The Arctic Inuit and the Polar Bear**
- **The Amazon Sápara and the Jaguar**
- **The Torres Strait Islanders and the Great Barrier Reef**
- **The Yahgans and King Penguins of Tierra del Fuego**




Choose 3 of these stories you like – and you think will interest your fellow students the most – we will use these stories in the design of our recycling bins plan.

Exercise 3: Starting to prepare our Educate story

Teachers note: 30 minutes

Hand over to the project manager (Cloe) to provide instructions to the project team:

- Remind who is doing what role
- Set the following activities for the rest of the session – we will continue them at the beginning of the next Climate Challenge session when Janet Owen will join you

	<p>Internet researcher – Sam Illustrator/ designer – Rory</p>	<p>Use the internet to look for photographs of the animals, landscape and people that relate to your chosen 3 stories. Use this site which allows you to download and use photographs for free: https://pixabay.com/ Download them and have them ready to use next time.</p>
	<p>Writer – Nancy Presenter – Ruby</p>	<p>Imagine you are standing up in front of a class of fellow students about to introduce them to why recycling is important. Start writing ideas and a script of what you want to say. Practice speaking it out loud and make alterations to your script so it sounds better.</p>
	<p>Numbers guru – Adam Project manager – Cloe (who also needs to keep an eye on what other teams are doing and what they have found out)</p>	<p>Research some useful numbers:</p> <ul style="list-style-type: none"> • What is the world’s carbon footprint? • What is the UK’s carbon footprint? • What is Gosport and Fareham’s carbon footprint? (find the average per person in the UK and the population of Gosport and Fareham) • How many trees are there in the Amazon? • How many indigenous people are there worldwide? • How many Green Sea Turtles are there in the world? • How many polar bears are there in the world? • How many jaguars? • How many mountain gorillas? • How many king penguins? • How many students are there in GFMAT? • How many classrooms are there in GFMAT?