



Advanced Mathematics  
Support Programme®

## Your Food's Carbon Footprint Activity Student Notes

**Mathematical topic: interpreting graphs and estimation**

**Materials needed: iPad or laptop (Desmos classroom activities do not work well on phones)**

You will be using Desmos to complete a series of activities to consider climate change and how your maths skills can be used to communicate global issues.

You should create a Desmos account before you start so that you can save your work and come back to the activity to complete it.

To do this you should go to [desmos.com](https://www.desmos.com) and click on 'Start Graphing' – a screen will come up which gives you the option of creating an account at the top. Enter the details required and 'Create Account'

Your teacher will either send you a link or a code for the classroom activity. You can either click on the link or go to [student.desmos.com](https://student.desmos.com), enter the code and 'sign in'.

Once in the activity, you can move to the next slide by clicking the 'Next' button in the top right or back to a previous slide by using the back button.

There is a calculator at the top of the slide if you need one.

Your teacher can see how much of the activity you have completed and your answers. They might make a comment on your work to help you.

You can exit out of the activity and, if you have signed in, your work will be saved.