



Planning a Festival

Teacher notes



Overview:

The aim of this activity is to highlight the importance of maths skills in Logistics careers. It links to the Key Stage 3 and 4 Maths Curricula and supports Gatsby Benchmark 4.

This activity demonstrates some of the mathematical skills needed to organise a festival. Students will need access to a laptop or an iPad/tablet as the task is set on Desmos.

Curriculum links:

- Reasoning mathematically
- Solving problems
- Area and perimeter
- Scale
- Pythagoras
- Profit and loss
- Best buy
- Percentages

Suggested ways to use the resource:

The task can be set remotely, e.g. as homework, or used in school if students have access to laptops or iPads. It is aimed at KS4 but should be of interest to most Secondary age students, including sixth form. It is likely to take 45 – 60 mins.

Before you begin

- Watch this 4 minute [video](#). It will give you a quick run through of the activity and the functionality of Desmos – including how to set the task for your students.
- When you are ready to assign the task to a class, click on this teacher [link](#)
- Share the class code that you have created with your students.

We recommend that all students create an account and use those details to login to the activity. This means they do not have to complete the activity all at once, as it will store their progress. It will also ensure students can read any feedback you give them when they log back in and that you will be able to see their responses (on the dashboard associated with your class code).

You can download a full version of both teacher and student guidance from the [AMSP website](#).

Optional things to consider:

The task could be adapted for non-digital, and possibly cross-curricular use. Students could work in groups and present their plans and reasoning – with one proposal being the ‘winner’.

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<https://amsp.org.uk/teachers/11-16-maths/resources/linking-curriculum-learning-to-careers/>