

The Purple Mash 3D Printing Competition Guide

Our latest update to the Purple Mash tool '2Design and Make' has made it compatible with 3D printers. To celebrate this new feature, we're giving away a brand new 3D printer!

To enter the competition children just need to design the net¹ for 3D model of their choice using 2Design and Make and submit it to the competition Display Board. The winner will be chosen based on overall creativity.

Who can enter

- The competition is open to all children aged (or with a learning age of) two to 12
- Each child can submit one entry for the competition

How to enter

- Children enter their work by submitting it to the '3D Printing Competition' Display Board. There is a video in Purple Mash showing how to do this
- They can save and edit their work as often as they like before submitting it – it should only be submitted once it completely is finished

Closing date

- The competition is open from September 12th to October 14th 2016
- Judging will commence on the 17th of October 2016
- Winners will be announced shortly after the judging

Customising your designs

There are two ways to make your design totally bespoke!

- Edit the anchor points to change the shape of the design
- Use the pens and tools to colour and draw on the model

There is a video in the competition area that shows you how to do both of these options.

Staying safe online

The competition Display Board will be visible to the public, so it's important not to include personal information in your entries. Don't use names or other personal information as part of the designs. Any entries that include personal information won't be accepted or displayed on the board. The only information visible on the board will be the school name.

Prizes

- The winning child will receive a 3D model making kit and their school will get a 3D printer
- Two runners up will have their models printed on a 3D printer plus some Purple Mash goodies
- A printable achievement certificate for all participants will be made available in Purple Mash at the end of the competition.

¹ The net is a 2D version of the model, you do not need a 3D printer to enter the competition. 2D nets can be printed on a regular printer and cut, folded and stuck to create a 3D model.

Letting parents know

Edit and copy this text into newsletters, emails or letters to let parents know about the competition and encourage participation at home.

During this term **[INSERT TERM NAME/DATES]** your child will be participating in the Purple Mash '3D Printing' competition.

They have been asked to design a 3D model using '2Design and Make' in Purple Mash.

Purple Mash is a multi-award winning educational website that gives your child access to 20+ powerful creative tools at school and at home.

Your child has already been given their Purple Mash login. If they don't know their login, then please contact their class teacher.

Every child who submits an entry has a chance of winning a 3D model making kit to take home plus a 3D printer for the school.

They can log in to Purple Mash here: **[INSERT YOUR SCHOOL'S PURPLE MASH LINK]**

You can find out more about the competition by visiting www.2simple.com/go3D

Viewing your work on the board

Children will be able to view their work on the Display Board once it has been approved by our judges. We will endeavour to approve all work within five school days of its submission.

At the end of the competition the children will be able to see every entry, including their own work!

Downloadable resources

In the competition area inside Purple Mash you can download a welcome letter and poster to help promote the competition in your school.

Terms and conditions

- The competition is open to all Purple Mash schools worldwide
- Only one entry per child
- Teachers and parents can assist children with work but must not do it for them!
- The closing date for all entries is October 14th 2016
- We will contact the winners through the school
- The 3D printer is: XYZ Printing da Vinci Junior 3D Printer (RRP £230)
- The 3D model making kit is: 3D Maker (RRP £39.99)
- We will provide some initial printing supplies with the printer but the school will be responsible for all ongoing costs

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