



Stage Four : Making a Prototype

Duration: 1 Week (5th December – 12th December)

In the fourth stage of the challenge the children will be required to choose a design and create a prototype of their product. They may make more than one prototype of different designs, if they choose to, for the purposes of the market research and the children can determine which design is best. **These will be a real examples of the products the teams will be selling.** The children may have designed a product with variations, for example the cookie company may have designed a chocolate cookie and a plain cookie within their brand. If this is a case each example can be created as a prototype.

- A prototype helps you figure out any design flaws your invention has and if it really works.
- It can help you make sure your invention is the right size, shape, and form.
- A prototype helps you sell an invention. You can use it during demonstrations.

The children will not be charged for the making of this example product although it may be a good idea for the children to consider there will be charges and costs incurred in the making of their product as this may influence their final design ideas. They will be charged for things such as the use of a glue gun, ovens or adult help. A full list of charges and costings will be available soon.

These example products should be reviewed and discussed by the team. The final prototypes should be photographed and posted on the Team Site. They can also be discussed using Yammer.

If you have any questions about any of these steps please do not hesitate to contact Chloe, the project coordinator, cfarrant@gec.education

Stage 4	Prototype	1. Make prototype	Post photos of prototype on company site	View and discuss each other's prototypes Information Sheet 4	December 5th - 12th 2016
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- Children will continue to speak and make friends with one another on Yammer.

- Children will make a real example of their final design.

- The teams should review and discuss their product.

- The children upload a photograph of their product to their Team Site.



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