



## Resources to support home learning in Design Technology

This document is a suggestion of ideas that you may find helpful in supporting your child/ren. It is not exhaustive and is not essential. If you have a resource you've found to be helpful, please inform your class teacher and we can add it to the list.

If you have any questions, please ask us, in person or by email to the school office.

Thank you

**Manipulatives** (manipulatives are relevant at all ages and stages.)

Junk modelling, scissors, modeline, plasticine, clay, fabrics, glue, construction toys (Lego, Duplo, Stickle Bricks, Build your own den, torches, lolly sticks, tubes, cellotape

### Online

<https://www.theschoolrun.com/5-at-home-design-and-technology-projects-for-primary-children>

<https://www.bbc.co.uk/bitesize/subjects/zb9d7ty> (KS1)

<https://www.bbc.co.uk/bitesize/topics/z6phv>

cw (KS2)

<https://www.playlikemum.com/20-genius-junk-modelling-ideas-for-kids-to-try/>

Junk modelling ideas

<https://www.goodhousekeeping.com/home/craft-ideas/how-to/q1389/diy-kids-activities/?slide=50>

<https://www.bbcgoodfood.com/recipes/collection/no-cook-kids>

### Apps

**Monster Physics** - is for children who like making and doing. Aimed at children aged 10+, it is design technology with a good dash of physics. There are 68 different components and young inventors can create their own rockets, cranes and all things mechanical. Once the invention is complete, Monster Physics puts it into its very own physics engine and lets children operate their creation in real time to see if it works. Alongside the fun aspect, children learn about physics concepts such as force, mass, friction and acceleration.

### Other

- 10 minute lego challenge - use lego to build the best thing you can in 10 minutes. Siblings could challenge each other or parents vs children.

- Draw the best thing you can think of with these colours.
- Tie dye/decorate t-shirts using old or charity clothes
- Learn to bake or cook simple meals with limited ingredients
- Make a den within the house. This can also be useful for children who require a quiet space or some alone time.

If you are feeling creative and crafty then have a look at these ideas but ask your parents before making anything and tidy up afterwards.