

Primary lesson plan

Design & Technology

KSII, Unit 1, Section 3

In Scotland: Expressive Arts, second level.
Art & Design, EXA 2-02a.

Objective:

- to design and build a model of an ideal home for the environment your school is in (rural, suburban, city centre).
 - to gain an understanding of the concepts of 3D and 2D.
- 1 On the interactive whiteboard, do the **3D and flatplan matching activity**
 - 2 Get the class to draw a 2D flatplan of their ideal home, or if you have access to computers, introduce them to an online tool like Google Sketch Up.

- 3 Once the flat plan is created, build a 3D model of the building from whatever materials are available - you could use old packaging and cardboard boxes, or modelling clay, or just do a drawing of how your flatplan would look in 3D.
- 4 Have a class discussion about the models. Why did they design them the way they did? What 'needs' and 'wants' do they meet? How do they suit the environment you live in? Which would the class most like to live in?

