

Our DT Learning Journey

Key vocabulary:

structure

building

design

home

features

Tudor house

design

Identify the key
features of a
structure

Explore
materials and
techniques to
make a
structure

Make a
model to
represent
my design

Generate a
design of a
home for a fire
victim

Evaluate,
adapt and
present my
model

Wednesday 28th January 2026



LQ: Can I make a model to represent my design?

Steps to Success

All – I can use my design to create a home for a fire victim.

Most – I can use a range materials to create my model.

Some – I can use a variety of techniques and methods to create a suitable home for a fire victim.





Star Words



features/structure



3D



Grenfell Fire



joining



techniques



materials



home



TPs:

*What materials did you choose for your home?
Which joining techniques were most suitable and why?*



You will be using either a shoe box or a cereal box as your base for your house.

TP - How can we make this box into a house?
What features will be included on the house?
How can we represent the bricks?



Wednesday 28th January 2026

LQ: Can I make a model to represent my design?

We will be using all of our knowledge about creating a design and suitable materials to make our 3D home for a fire victim.

TP – What are the basic features of a house
How can we make this house fire safety ready?



TP - What does 3D mean?

3D has three dimensions. **Length**, **width** and **depth** to make a 3D model look more realistic.



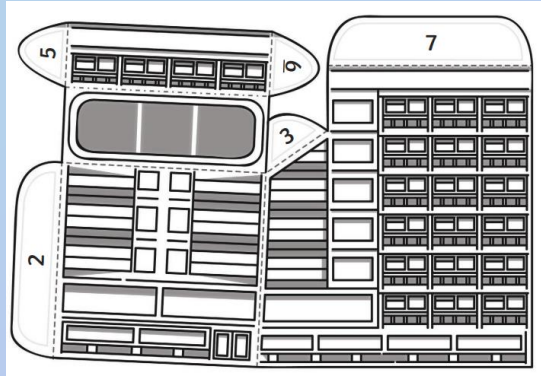
TP - What is does 2D mean?

2D has only 2 dimensions. Only **length** and **width** are needed because the drawing is flat.



TASK

Use your design and what you have learnt about materials and techniques to create your 3D house design. Be creative 😊



Child's voice for display:

Write what you used to create your home and images.



Self Assessment

Do you understand what you have to do?

