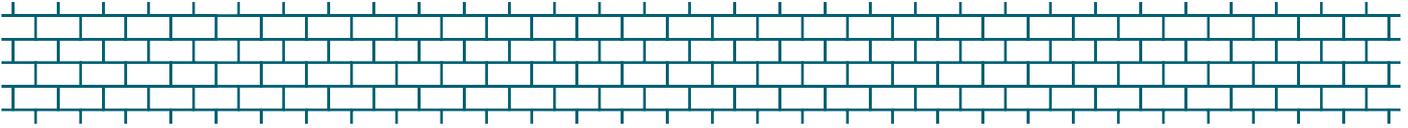




Building Challenge

for upper primary

Name: _____



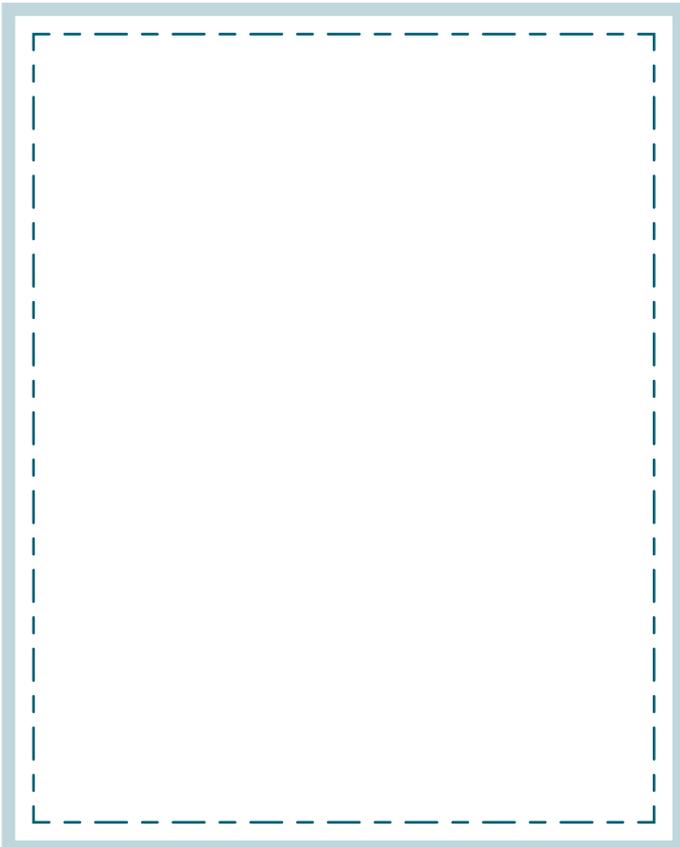
Visit the *Scotland galleries* to complete this trail.

Explore the museum and find out how to design and create buildings that are practical, attractive and safe places for people to live and work. Learn how buildings have changed over the years and use what you've learned to design your own building.

Start in Hawthornden Court

1. Stand in the middle of the floor. Look around you. Remember to look up too!

What different shapes can you see in the building?
Draw 3 of them.



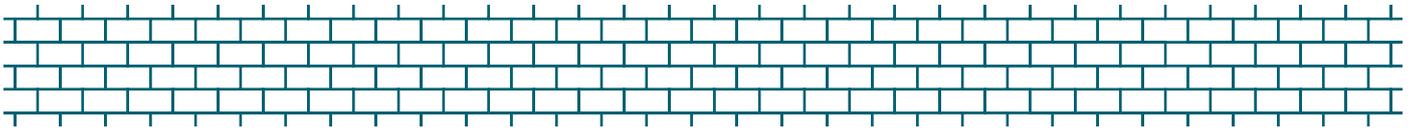
There are lots of building projects happening in Scotland and in the future we will need more people to design these buildings

How many different colours can you see?
Name some.

How many different floors can you see?

How do people get to the different floors?





Buildings are not just made from bricks.
Name some other building materials you can see.

Go to Level 3 – Scotland Transformed

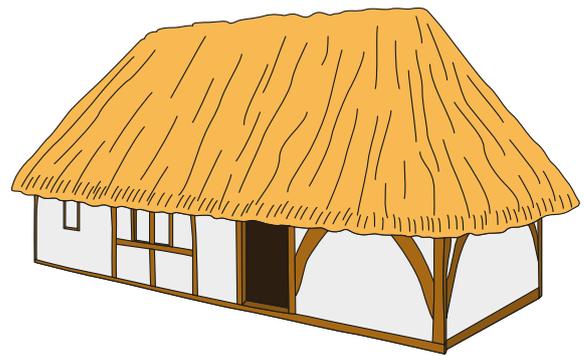
2. Find the Cruck House (look for the very old looking house).

Name the 3 materials it is made of.

Why do you think the roof is made of glass?

How many lights can you see?

How do you think they change the bulbs?



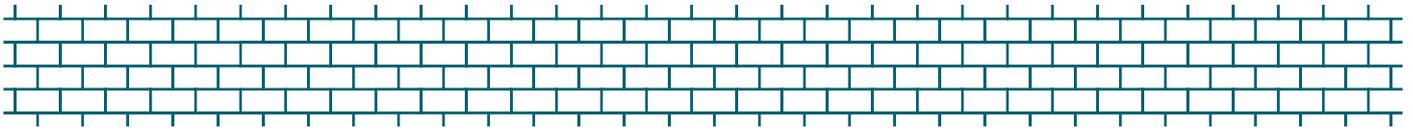
How was it heated?



What year was it built?

How is it different to the museum building you saw downstairs?





Go to Level 6 – Scotland: A Changing Nation

3. Find the big picture on the wall at the back of the Gallery, called 'The Home'.

How many people do you think would live in each of the buildings?

Cottage

Tenement

High-rise flat

Which one would you like to live in?

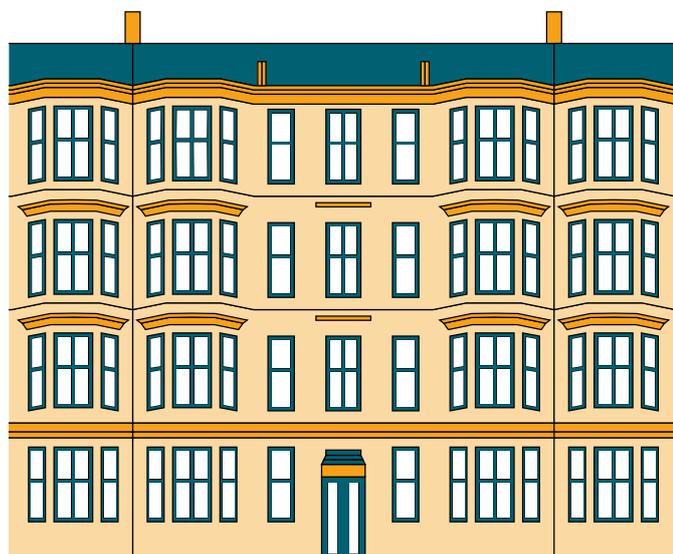
Write down one thing you like about the design of the high-rise flats.

Write down one thing you do not like about the design of the high-rise flats.

Look at the objects hanging on the wall next to this picture.

Most homes today have their own bathrooms.

What is interesting about object number 5 on the wall?



To work as a designer of buildings you will need to have skills in communicating with people, solving problems, planning and budgeting



Go to Hawthornden Court
(back to where you started)

Design challenge:

Think about what you have just seen and learned.
Draw a picture of your ideal home.
Include as much detail as you like.

*To work in construction
and the design of
buildings you will need
to study Maths, English,
Science and Art*



So now you know about: **Architecture**

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