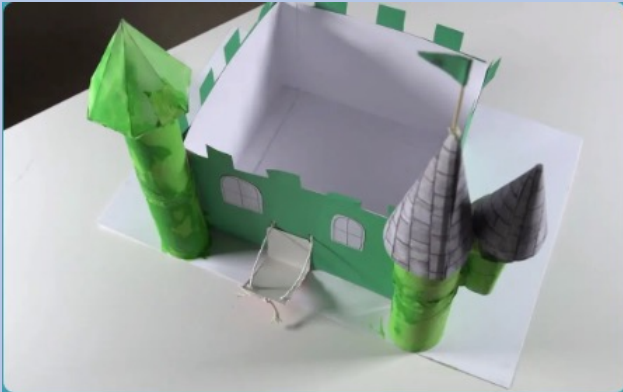
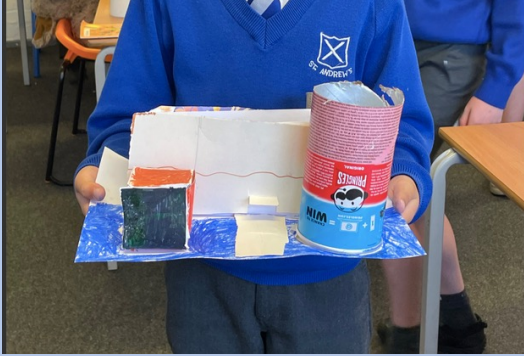


Structures

In Year 3 we will design and make castles



In Year 3 we will:

1) Understand that wide and flat based objects are more stable and that strength and stiffness in structures is important.

2) Draw a design using 2D shapes and label the 3D shapes that will create the features.

3) Construct a range of 3D geometric shapes using nets.

4) Evaluate our own and others work based on the presentation / look of the finished product.

Vocabulary which will be new in Year 3:

Structure = something which stands, usually on its own.

Design criteria = a set of rules to help designers focus their ideas and test the success of them.

Feature =. A specific part of something.

Net = a 2D flat shape that can become a 3D shape when assembled.

Strong = it doesn't break easily.

Weak = it does break easily.

Stable = object does not topple over easily.