



**Structural Planning,
Designing and Evaluating
Project Booklet**

Skyscrapers

The Task

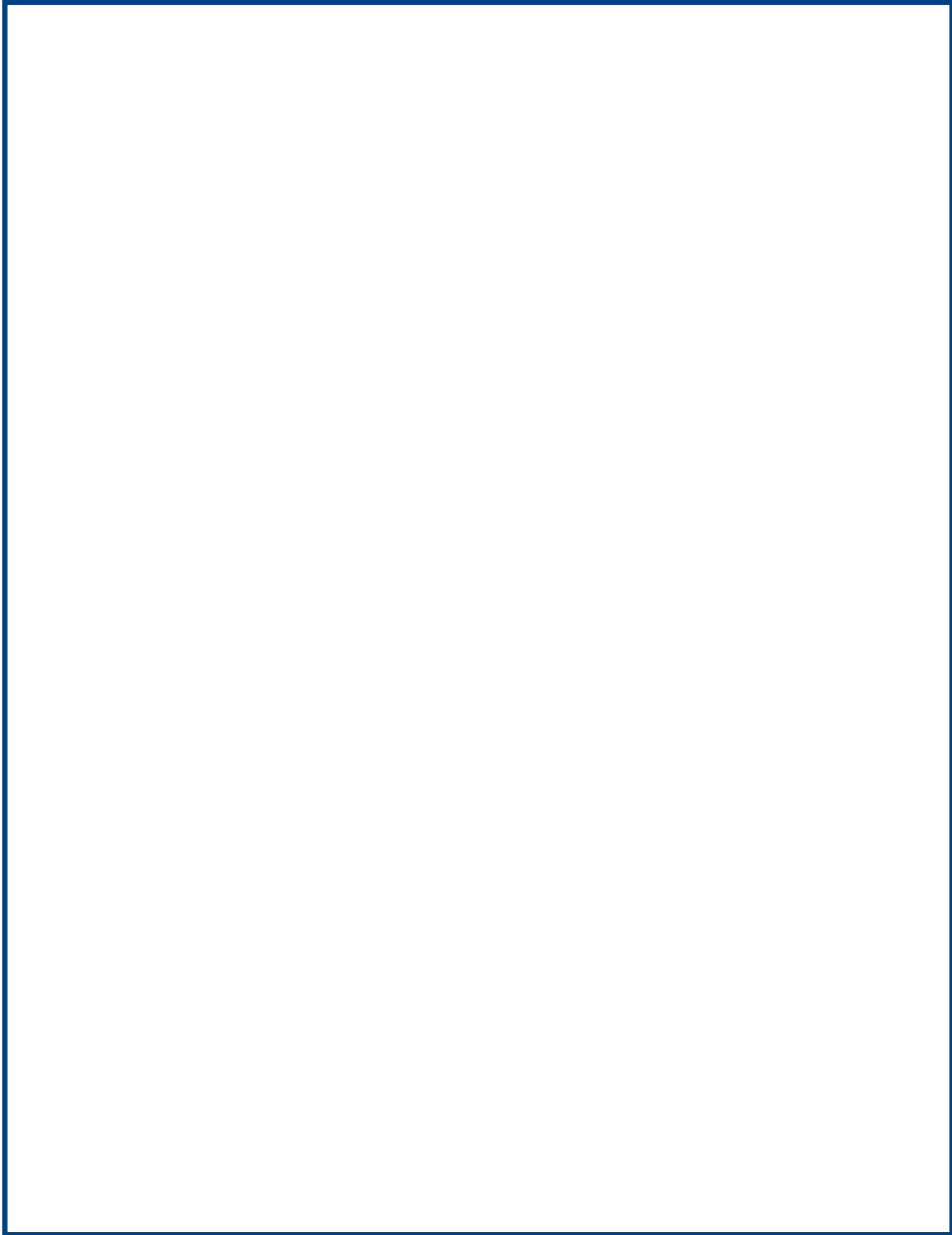
As a small team, design a new skyscraper which will be built in London. Once designed, produce a model. The model needs to be at least 80cm tall and 20cm wide. The skyscraper must support itself and be stable.

My initial ideas:



Work on this bit independently, ready to share your ideas with your team.



Once you have shared ideas, decide on the finished skyscraper and draw it below. Label any important features.



What we will need

Word bank		
 <ul style="list-style-type: none">• card• paper• sticky tape• masking tape• PVA glue	<ul style="list-style-type: none">• glue gun (with adults help)• doweling• scissors• paper clips	 <ul style="list-style-type: none">• cardboard triangles• saw• bench hook (with adults help)

What we will need to make our skyscraper:

The order in which we are going to make our skyscraper:

Step 1

Step 2

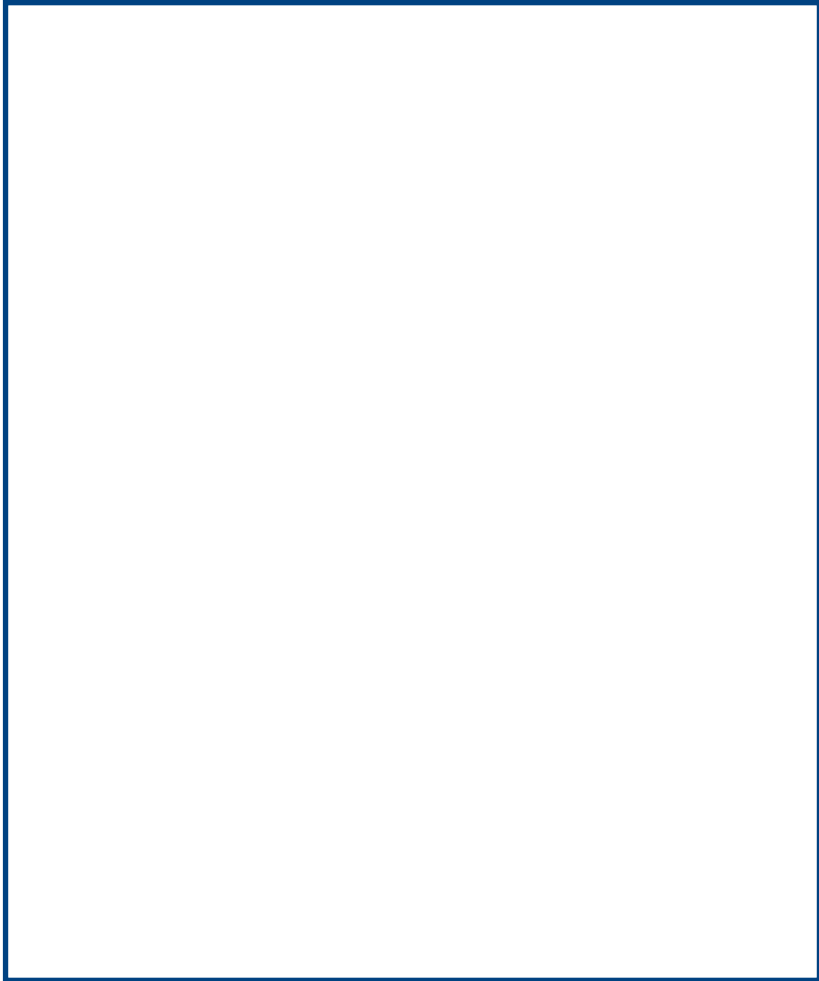
Step 3

Step 4

Step 5

Evaluating the skyscraper

Drawing/photo of finished skyscraper.



Is your skyscraper at least 80cm tall?

Is your skyscraper at least 20cm wide?

How did you make the structure stable?

Are you happy with it?

What, if anything, would you improve about it?

How well did you work together as a team?
