

## GRWW1 5i Make a Zeppelin

This task is to make a section of a Zeppelin's hull. You will need the following: Scissors, 2 sheets of A4 card (more if making the whole model), 1 sheet of tissue paper (more if making the whole model), PVA, glue and tape.

### Method

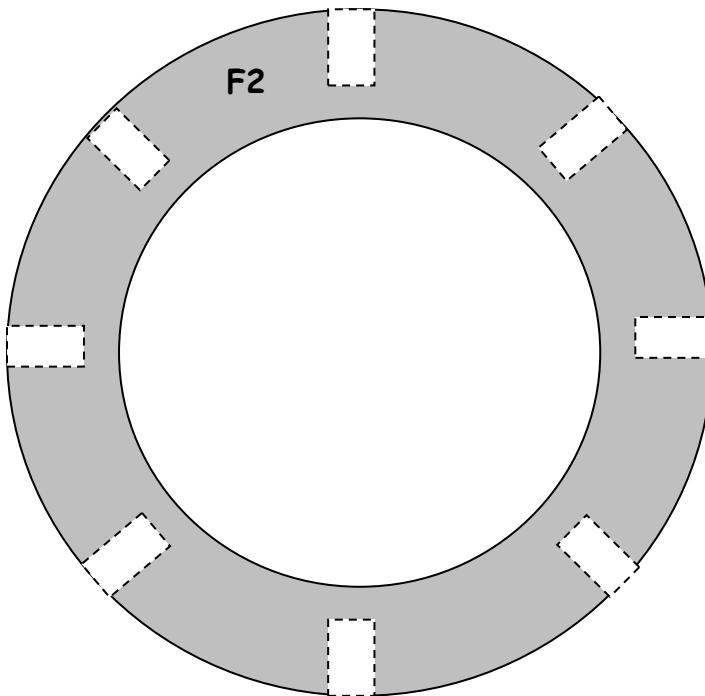
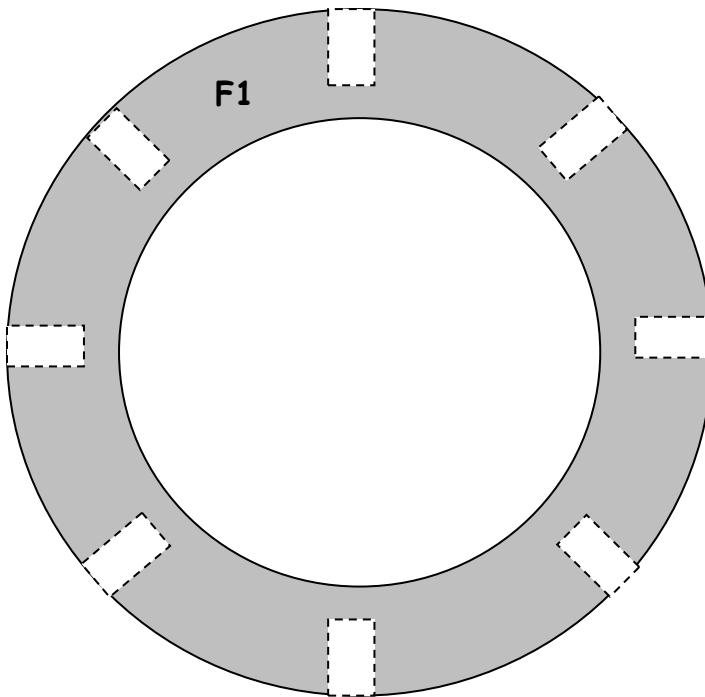
1. Carefully cut out the frames F1 and F2 and glue them onto card. Alternatively trace them onto card, and then cut them out.
2. Repeat for the longitudinals 1 to 8.
3. Bend down the end tabs on the longitudinals 1-8.
4. Glue or tape the tab of the longitudinals to the corresponding spaces on the frame. If using glue, allow to dry.
5. Repeat for the other end, using the other frame. You should now have formed a tube shape.
6. Now carefully cover the frame with tissue paper (you will need to test wrap the section for size) and paint with a diluted solution of PVA glue. Leave to dry and you will have your airship frame.

**PROJECT: Make a whole airship!** To do this you need to make more frames that are smaller in diameter than F1 and F2 to form the nose and tail. These are printed on page 3 as N 1, N2, T1 and T2. You will also need to make more longitudinals. You then need to assemble the smaller sections in the same way but link them to the big section. You will also need to make caps for the nose, tail and add control fins and a control gondola.

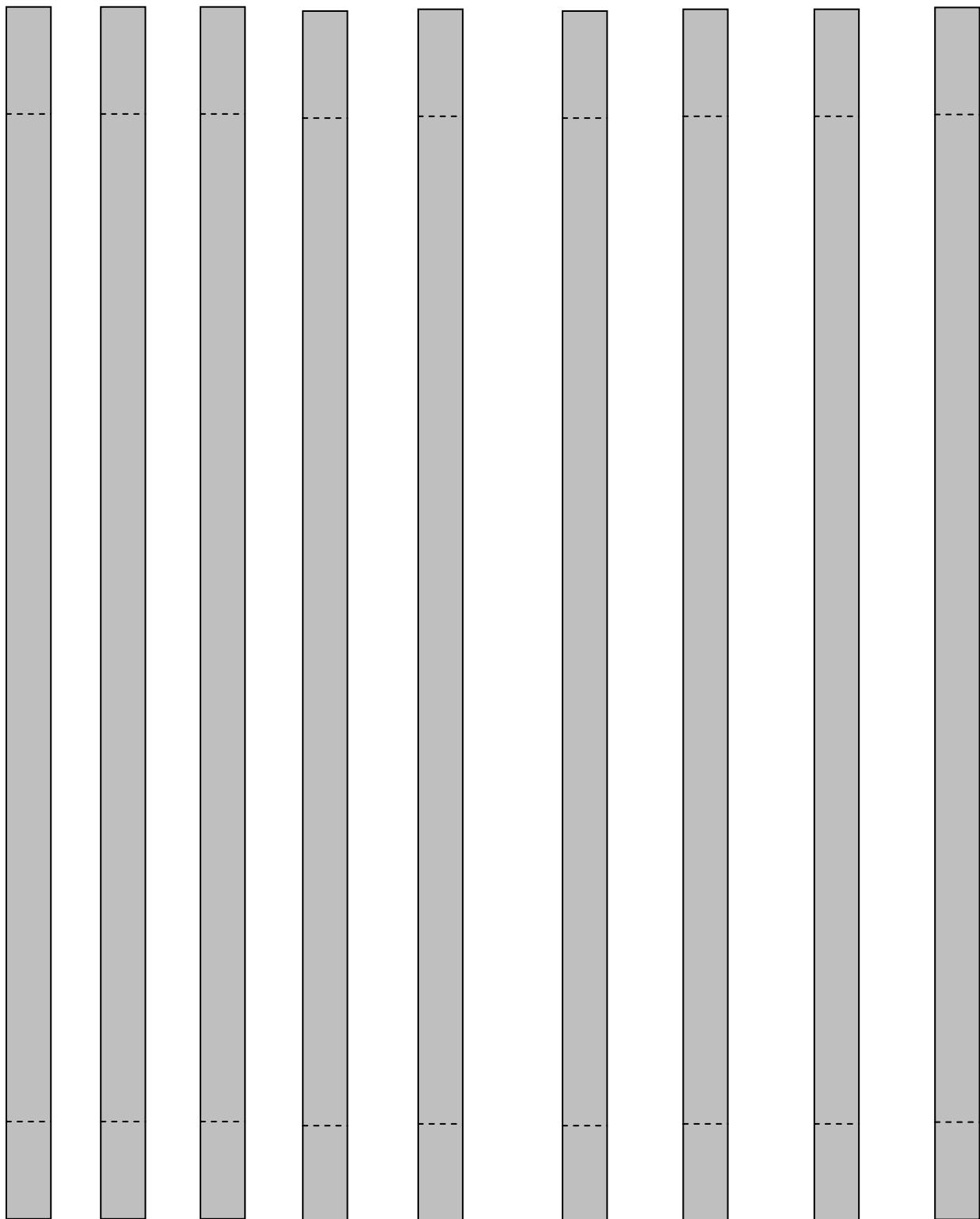
Why not experiment and try to build a frame - or a whole airship! - with other materials such as plastic construction toys.

Some great FREE card airship models can be found at [Currell.net](http://www.currell.net/models/mod_free.htm?filter=airship) at:  
[http://www.currell.net/models/mod\\_free.htm?filter=airship](http://www.currell.net/models/mod_free.htm?filter=airship)

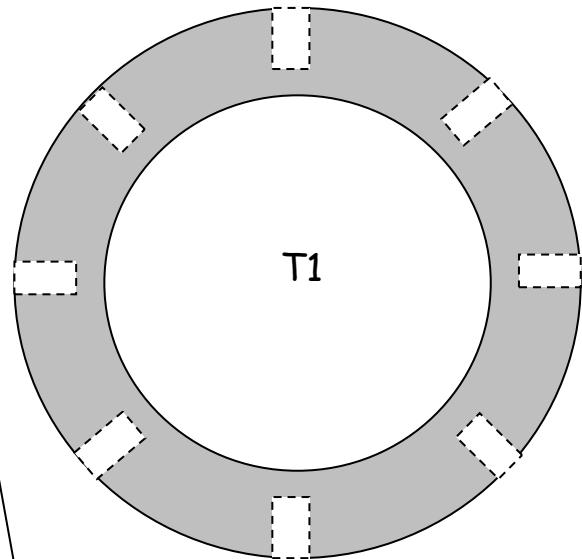
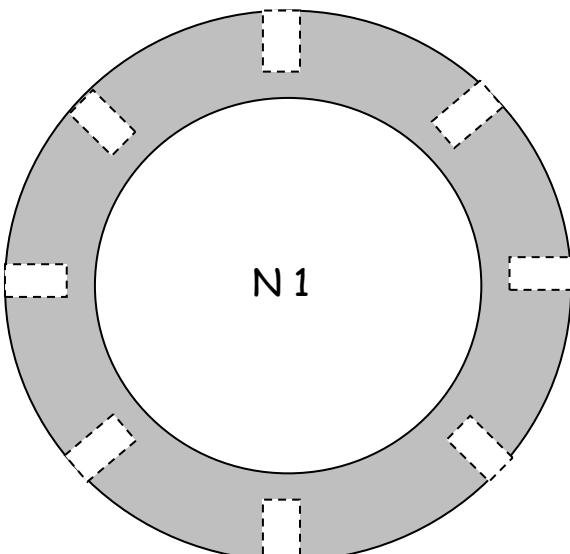
## Frames F1 & F2 (card)



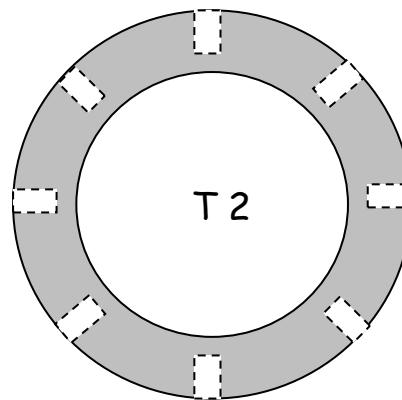
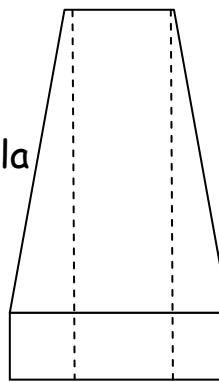
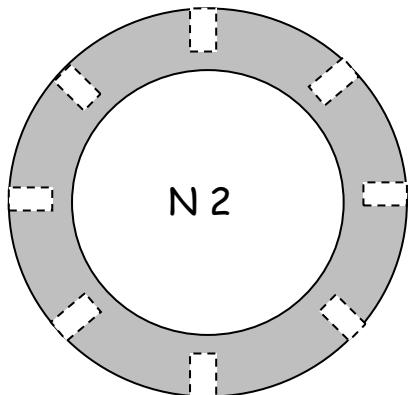
## Longitudinals 1-8 (card)



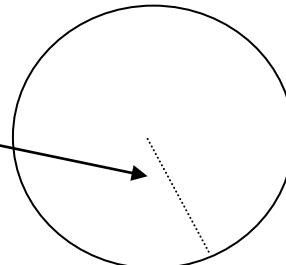
## Extra frames for the nose and tail sections



Control gondola

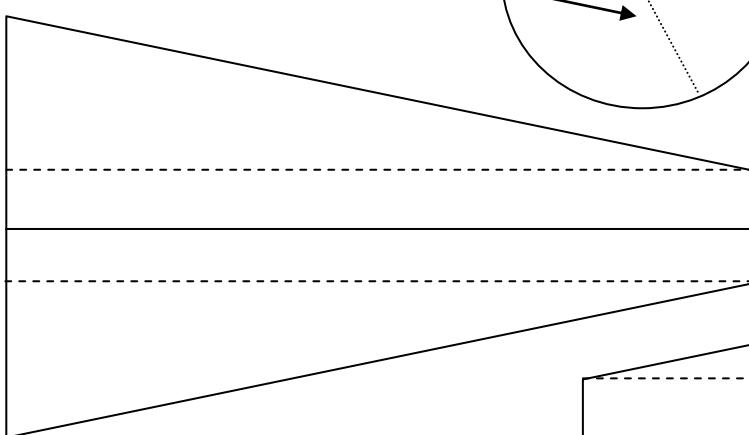


Cut here



Nose cap

Note: you will also need to make a tail cap in the same way, but the size may vary, so you will need to experiment.



Control fins for tail

