

Simplex Modules

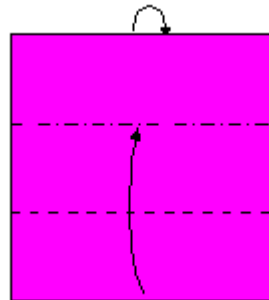
A modular family

Part One

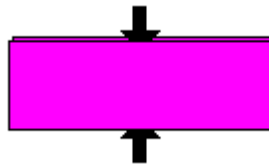
This is the basic form of the Simplex module.



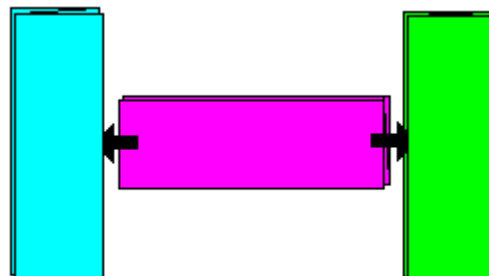
The basic form is made from a square of paper folded backwards and forwards in thirds like this.



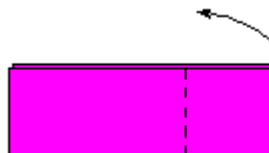
There are long pockets at top and bottom.



The ends of the module can function as tabs.



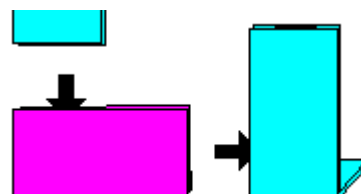
An 'L' shaped version of the module can be made by folding one third backwards at right angles.



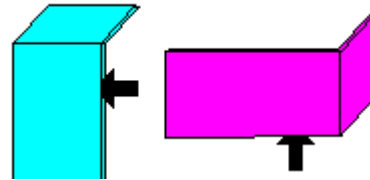
This is what the L-module looks like.



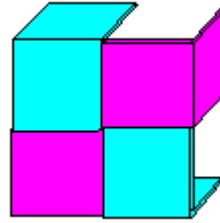
4 L-modules go together to form



one face of a cube.

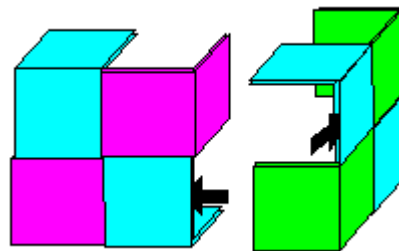


When all 4 modules have been pushed tightly together the face will look like this.

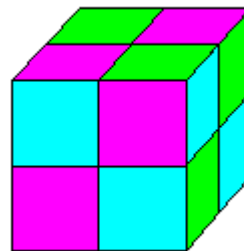


A cube has 6 faces so 24 modules are required altogether.

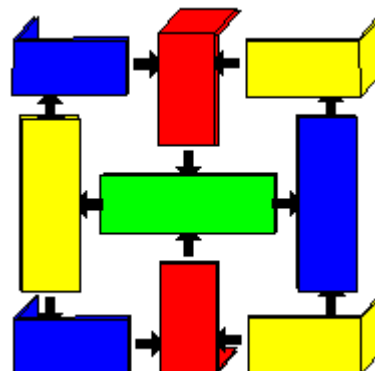
Other faces can be pre-assembled and put together like this, or the modules can be added one by one.



The cube holds together extremely well.



Larger cubes can be made by combining L-modules with basic forms.



Each face will look something like this.

