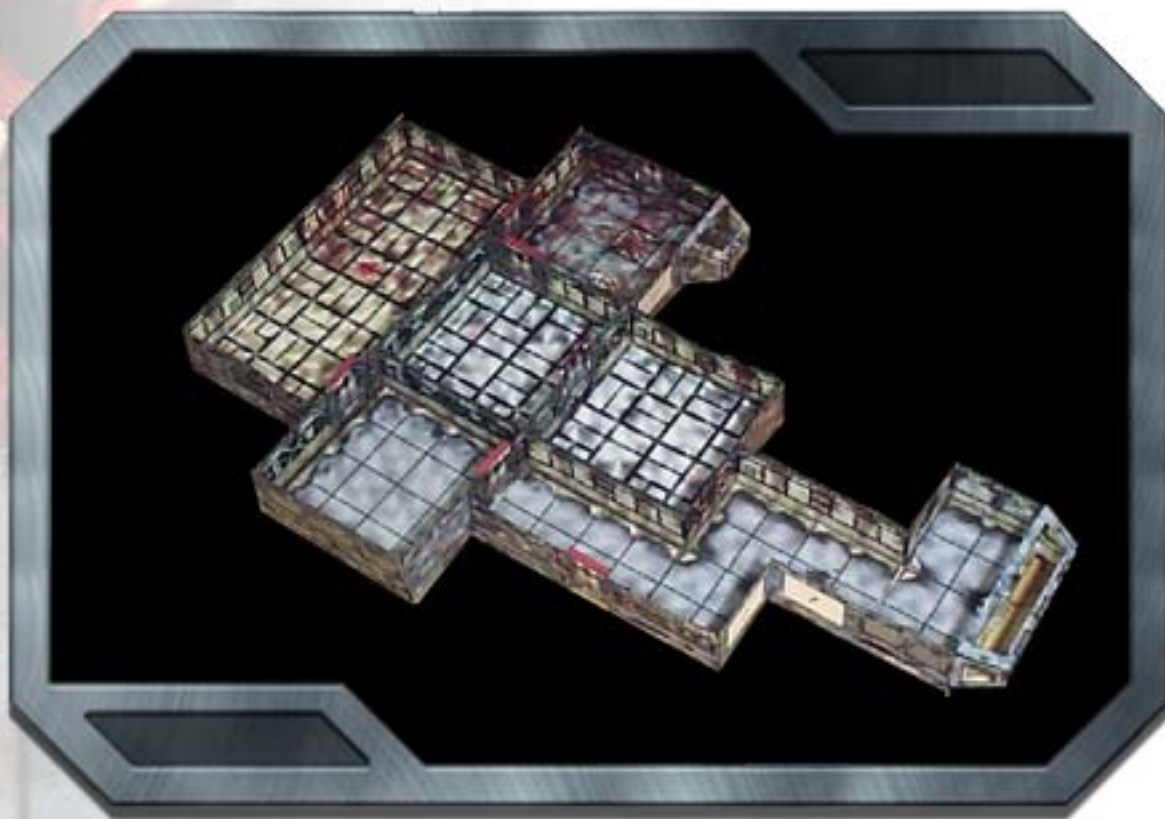


HELLWORKS II CELESTUS PRAVATIS

PART I BASIC STRUCTURE



Creating your space craft begins with the basic structure. Thanks to the modular nature of this set, almost anything imaginable can be made.

This process is not nearly as involved as it seems however, requiring only the repetition of several simple construction techniques.





The key element required at this stage is a solid plan of your design. See the Sample Guide included in this set for ideas, or just "borrow" a design from your favorite sci-fi story.

Once the plan is drawn up, replicate it's outline by using the room and hall templates. Print these out and glue them to a sheet of foamcore. When dry, carefully trim away the excess.

If you plan to have a single-piece roof for your ship, you'll need to make two of these.

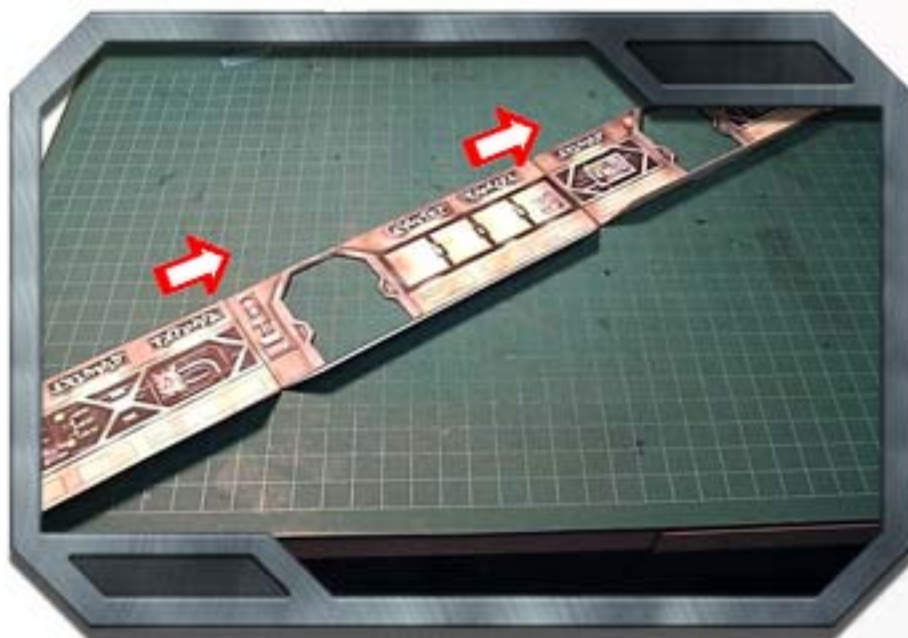


Next, we move to the interior walls. Score, cut out and fold these as instructed.

If you plan to have removable doors, carefully cut out the doors printed on the walls and cut out any windows.

Lay out your walls and remove any unnecessary side tabs.

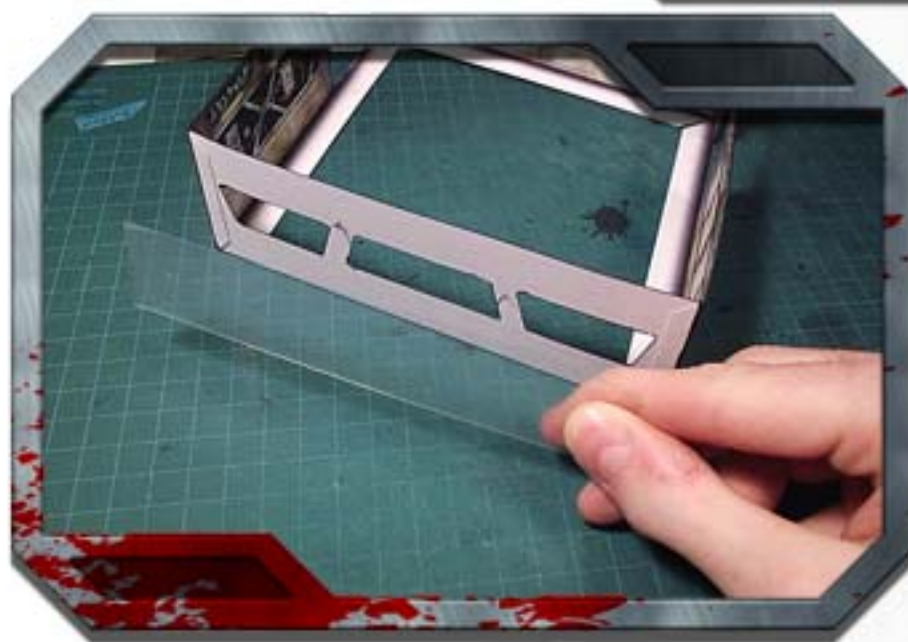
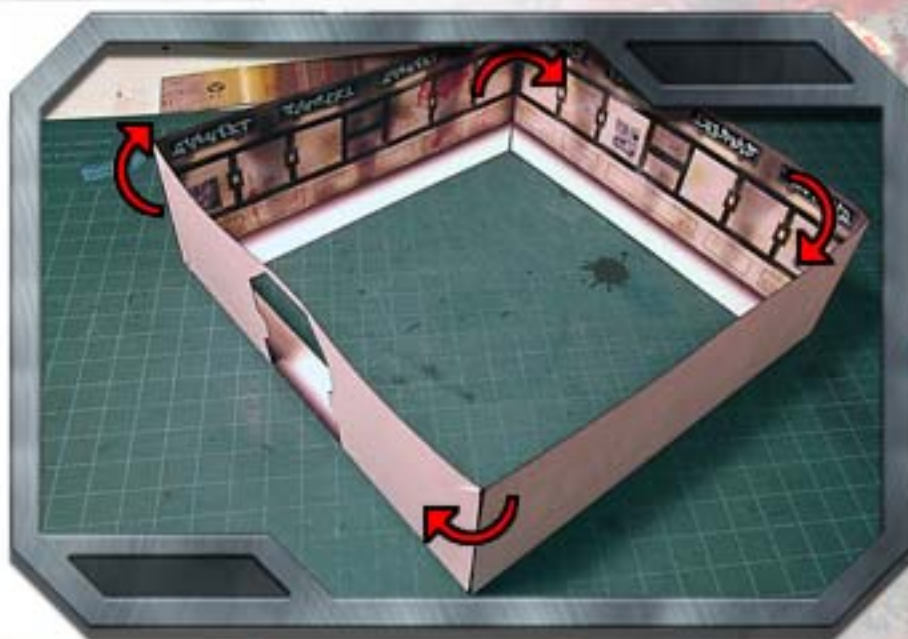




Edge the walls and then attach them in whatever sequence your plan dictates.

Learn all about edging and other top tips in the tutorials section at www.worldworksgames.com

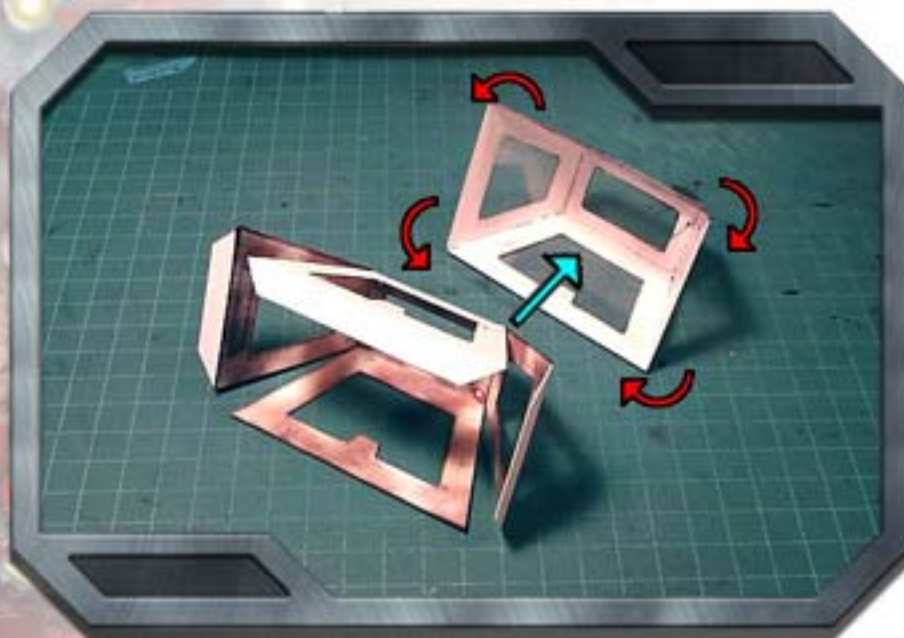
Close the shape to complete the room.



Transparencies are provided for those who wish to use them however they are not recommended for novice modellers.

Clear tape is recommended rather than glue when attaching transparencies.



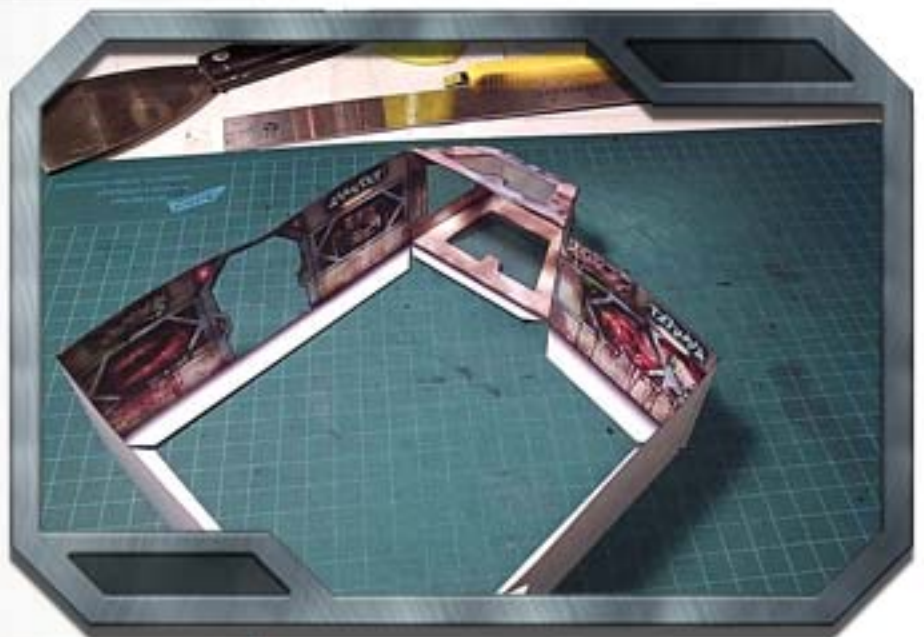


The 3D windows are two-part assemblies. First, close the exterior frame of the window.

Next, insert transparencies (again this is optional)

Finally, glue in the interior frame to complete the structure.

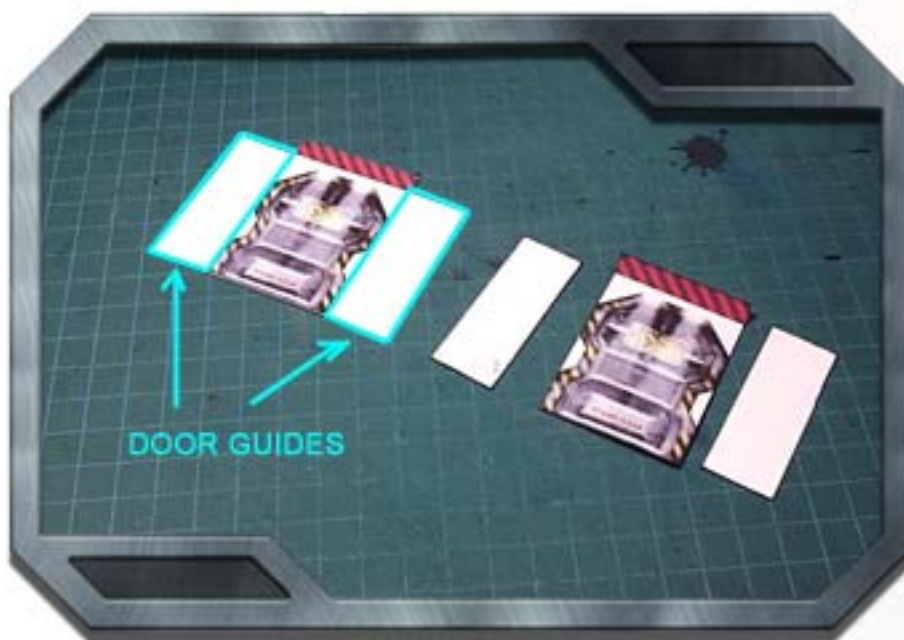
Attach the 3D window as you would any other wall.



Once you've completed the room which occupies the approximate center of your ship, glue it into place on your floor template.

This room will act as an "anchor" for the rest of the ship.





If you're adding removable doors we'll need to make them before moving on.

Add transparencies (if desired) then apply glue to the center of each door and fold it over. Burnish (rub firmly) across it's surface to evenly spread the glue.

Once it's dry, carefully cut off the two guides.

Attach the guides to either side of a doorway as shown. This will allow the door to slide up and down easily.



Begin attaching the rest of the rooms and creating doorways until all interiors have been added.

Double-sided tape is recommended to attach walls together rather than glue to prevent warping.





Once the interior walls are finished, the doors can be slotted into place.

Floors come in 9"x6" formats to make the most of the available page space. Most rooms however are 6"x6" so the middle section of the floor should be removed and the two ends used to create the floor.



Unless of course the room is bigger than 6"x6" in which case whatever section you need can be removed, simply by following the guide arrows.

The offcuts can be recombined to make other floors or hallways.



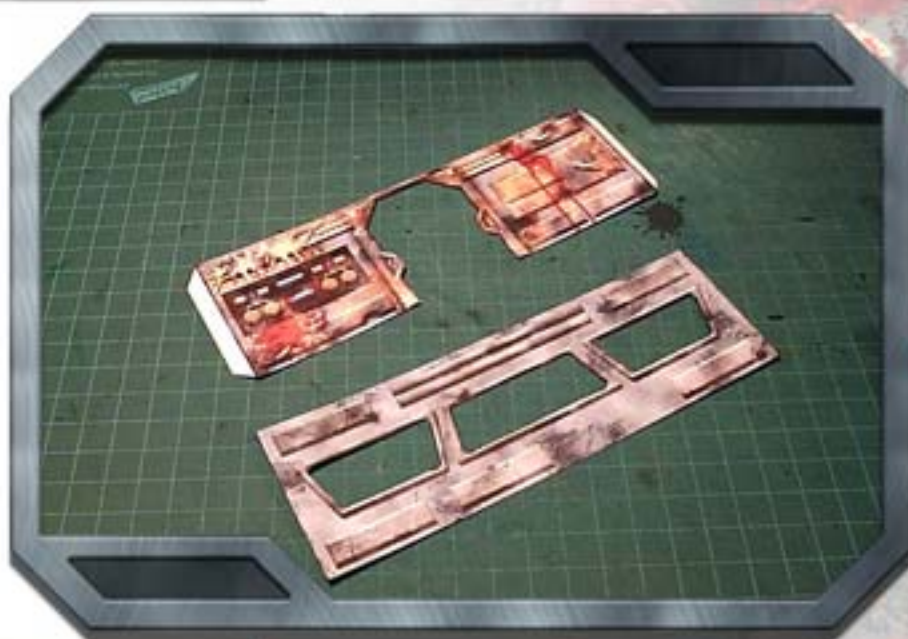


Glue the floors into place.

Be sure to keep your plan handy and refer to it constantly!

The exteriors are prepared in the same manner as the interior walls except that in almost every case you will want to remove the side tabs.

They're included as a reinforcement option but won't be necessary most of the time.



Attach the exterior walls.

These walls are slightly larger than their interior counterparts so some trimming may be required.





Once the exteriors are finished, edging strips are added to conceal exposed foamcore.

The strips can also act as a lip if your spaceship has a multi-floor design.



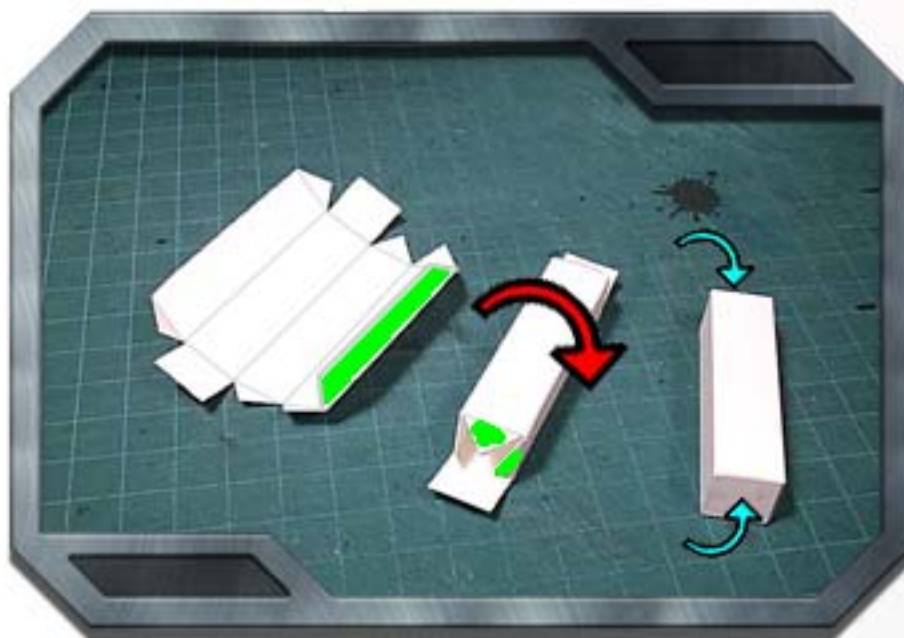
Turning to the roof now, begin by attaching the roofliners around the perimeter of your roof template as shown.



Once the roofliners are finished, attach the actual roof artwork by gluing and burnishing.

Make sure you follow your plan!





But what if you want each room to have a separate roof? Well, you're going to need some braces then!

Each brace is a simple box. Score, cut and fold each box as directed. Run a bead of glue down the long tab on the side and match this up to the other side.

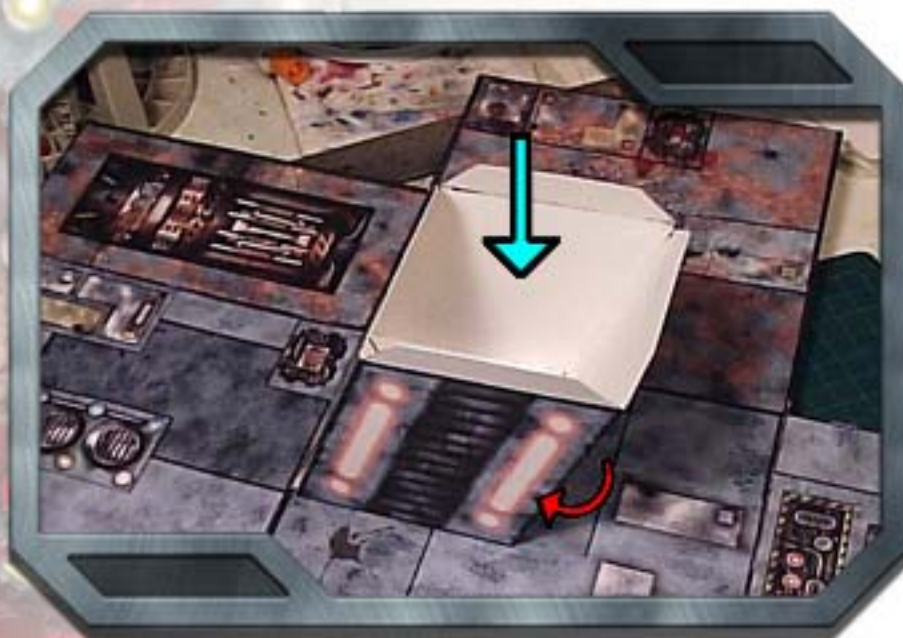
When this dries, put a dab of glue on each of the triangular tabs on the ends and close the shape.

Glue the completed braces to the underside of your roof. Use as many as you feel are necessary.



The last piece of basic structure is the bridge extension. Score, cut out, fold and edge the two halves of the bridge extension and then glue them together as shown.





Complete the bridge extension by closing the shape and attaching it to your roof.



Finish the ship's basic structure by gluing the bridge to the extension.

