

TERRAIN MAKER® TM2

This kit contains forty eight 1/4" Terrain Maker® gaming hexes and material for sixteen trees. Terrain Maker® is also available in 1/2", 1", and 1-1/2" thicknesses for modeling roads, fields and various levels of elevation. Look for Terrain Maker® products at your local gaming or hobby shop. For a complete catalog, contact:

GHQ, 28100 Woodside Road, Shorewood, Minnesota 55331 USA • www.ghqmodels.com

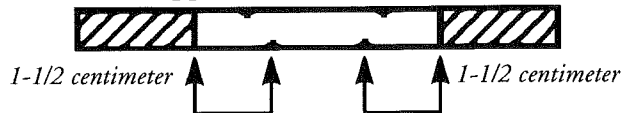
MATERIALS

Dark Blue Flat Interior Latex Paint	1" Paint Brush	Green Sawdust	Green Ground Foam
Tan Flat Interior Latex Paint	White Glue	Exacto Knife	One pack 1/4" Terrain Maker® hexes
Green Flat Interior Latex Paint	Pencil	Metric Ruler	

PREPARING A STRAIGHT STREAM HEX

Until now, rivers have existed on gaming boards as abstracted flat blue ribbons. With Terrain Maker® you create three dimensional rivers and streams. This is vital because the width and depth of the water is just a small portion of the tactical equation posed by a river. The height and grade of river banks, plus the foliage on them, weigh heavily in formulating an attack or defense. For example, crossing the Rapido River, a shallow stretch of water barely thirty yards wide, virtually destroyed an entire American infantry division.

1. Along the bottom of a hexside, measure in 1-1/2 centimeters from both edges. Repeat on the directly opposite hexside.



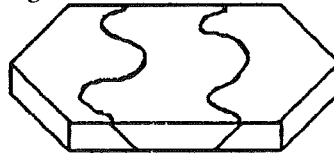
2. Along the top of the hex side, measure in 1 centimeter from both edges. Repeat on the directly opposite hexside.



3. With a straight edge draw two diagonal lines connecting the marks on the top and bottom of each hex sides. Your hex should now look like this.



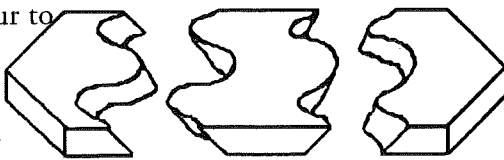
4. Connect the dots on the top of the hex as you sketch out edges of the river banks with a pencil.



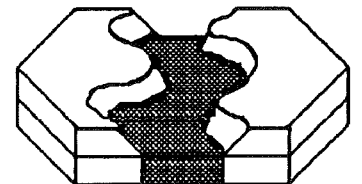
Note that even though the river bends and curves in the hex, as long as it enters and exits the hex on directly opposite hex sides it functions as a straight stream.

5. To start your cut, align the blade of the exacto knife on a diagonal. As you cut through the hex the angle of the bank can vary but the blade must exit the hex exactly on the opposite diagonal. This allows a standard bank contour to connect each hex.

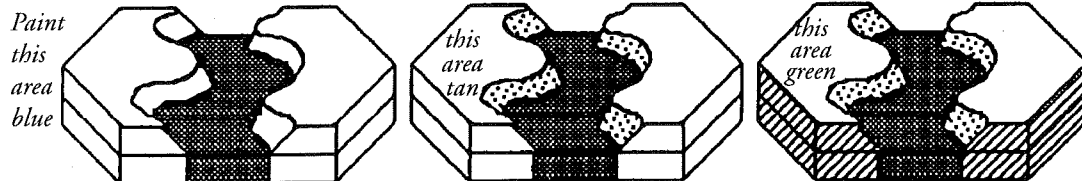
When finished cutting the opposite bank, you have three hex pieces.



6. Smear an even layer of white glue on the bottom of the two bank pieces and, after aligning the hex edges, glue it to another 1/4" TM2 hex. With the center section you can build islands or sand spits.



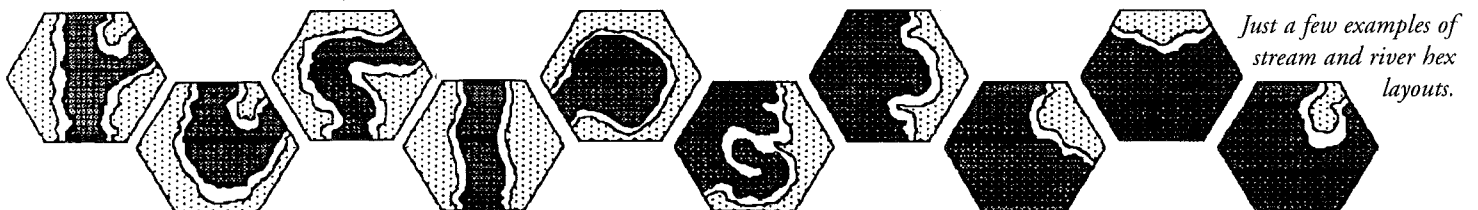
7. Paint the hex as follows and allow to dry.



8. Then cover the unpainted top of the hex with tan latex paint and immediately sprinkle the wet paint with a generous layer of green sawdust.

Tap the back of the hex to remove excess sawdust.

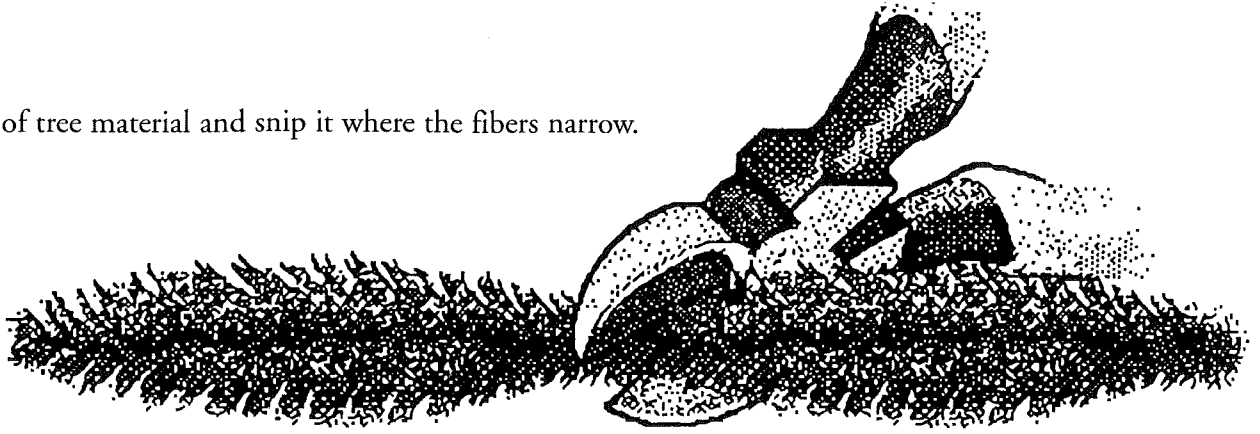
9. Allow the hex to completely dry and then randomly dab white glue on the river bank and "grass" surface. Press the ground foam into the white glue and allow to dry. You have completed a straight stream hex. Shores and beach hexes are done as a river hex. You just glue only one of the bank sections to the base 1/4" hex.



Just a few examples of stream and river hex layouts.

PREPARING A PINE TREE

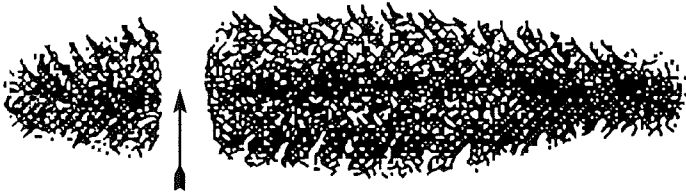
1. Take one strip of tree material and snip it where the fibers narrow.



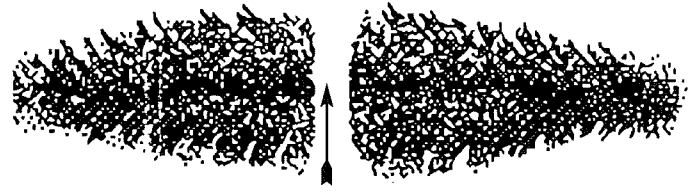
You now have four pieces of tree material that look like this:



2. Your next snip location will determine the size of your trees.

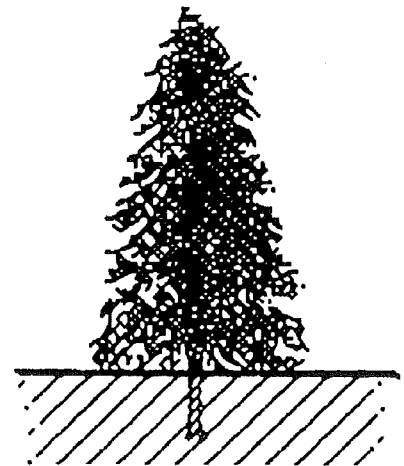


Snip here if you want one small and one large tree.



Snip here if you want two medium trees.

3. Take your cut sections and with a scissors, trim the top of the tree into a point. Then with your fingers, strip away the fibers from the bottom portion of the tree. The exposed metal stem should be approximately a 1/2 centimeter long. (a little more for larger trees, a little less for smaller trees) This exposed stem will anchor your tree into the hex.



4. Pierce your hex with a sharp instrument that approximates the diameter of the exposed stem. (Such as an airbrush cleaning rod). Dab white glue on the end of the stem and insert the full length of the exposed stem into the hole. You have completed your tree.



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