

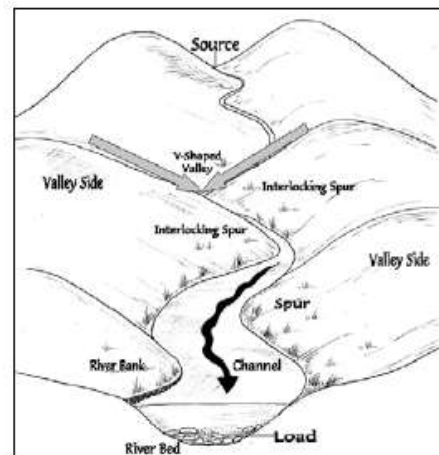
How to make your own V shaped valley

You will need:

Modroc
scissors
bowl of water
scrap paper
tape
tray
PVA glue
tissue paper (browns, greens, blues)



You are about to make your own river source and V shaped valley! This diagram shows some of the features you will include on your model:



1. Scrunch up the scrap paper and tape into balls. Arrange on the tray. Make the first few paper balls high (mountains) with the others in front, placing one and then another with their edges forming a zig-zag shape. This will eventually create your zig-zagging interlocking spurs.



2. Cut your Modroc into strips, making it easier to use. Soak in the water and squeeze off the excess water. Work fast. It will dry in a couple of minutes.



3. Place over the paper balls. Mould it with your fingers and smooth any lumps by dipping your fingers in the water and rubbing the modroc. Cover all the paper. Trace the path of your river with your finger by pressing down on your model. Make sure your river will be able to follow a zig-zag path in between the interlocking spurs.



4. Wait for a couple of minutes for the Modroc to dry. Then start to cover your model with tissue paper. Use your finger to rub the PVA glue in. Start by applying dark tissue to the tops of your mountains. These are the boggy moorlands which soak up the precipitation. The excess water runs down the mountains as river-lets, so don't forget to include those, using blue tissue.



5. Cover all your hillsides with greens and browns and use blue tissue to show the young, fast-flowing stream as it makes its way down the hillside, zig-zagging between the smaller hills as it goes (interlocking spurs). When small rivers come to the edge of hillsides, waterfalls are often created as the fast-flowing water drops into the softer rock below. Make sure your model has a waterfall at the front edge, where the modroc ends.



6. Can you label the features of your V-shaped valley?

