

To demonstrate the formation of block mountains and rift valleys:

Fig. 1: Things you need in the class to demonstrate the formation of Rift Valleys and Block Mountains:



Fig. 2: Shows the layer below the earth's surface



Fig. 3: Deep 'cracks' have developed along 'weak zones' due to tectonic or internal movement



Fig. 4: To demonstrate the downward slip, the teacher must hold the project up, as shown in the picture:



Fig. 5: Shows the downward slip of the block which results in the creation of:

1. The Rift valley (the low area in the middle)
2. The Block Mountains, (the high areas on either side of the rift valley)

Note that the movement has been along the weak zones or fault line.



Fig. 6: The Rift valley and the Block Mountains are now formed.



Fig. 7: Consequently the river gradually comes down the adjoining highlands and occupies the rift valley.

