

Educational Resource: Flood Risk Mapping Activity

This worksheet is designed to be completed following the [Projection Augmented Relief Model \(PARM\) demonstration](#).

Part 1 - Identify the following features and draw an arrow to where they are on the map:

- e.g. Steep hillside
- Lake
- River Derwent
- River Greta
- Valley
- Flood plain
- Footpath
- Bridleway
- Houses
- Wooded areas
- Confluence
- Tributary

Mark the highest point with H

Mark the lowest point with L

Draw on the direction of the water flow in the rivers



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Part 2

Draw on the flood defences

Draw on the direction of the water flow in the river

Identify the following features and draw an arrow to where they are on the map:

- River Greta
- Derwent Water

Draw circles around the bridges

Shade in the flood storage areas

Mark the highest point with H

Mark the lowest point with L

How many people live in Keswick? _____

How many properties were affected by flooding in Storm Desmond? _____

Shade in the areas that were flooded by the river during Storm Desmond.

Why is flood water dangerous?

1 _____

2 _____

3 _____

