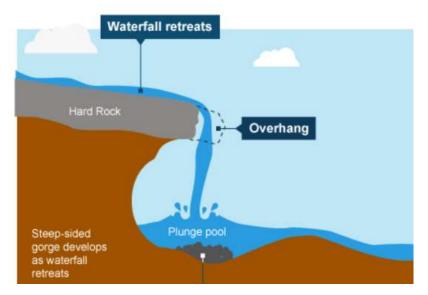
The Class 4 Geography Diagram Page: June 17th 2020# How are Waterfalls formed?



Waterfalls

Waterfalls often form in the upper stages of a river where it flows over different bands of rock. It erodes soft rock more quickly than hard rock and this may lead to the creation of a waterfall.

Formation of a waterfall:

- The soft rock erodes more quickly, undercutting the hard rock.
- The hard rock is left <u>overhanging</u> and because it isn't supported, it eventually collapses.
- The fallen rocks crash into the <u>plunge pool</u>. They swirl around, causing more erosion.
- Over time, this process is repeated and the waterfall moves upstream.
- A steep-sided gorge is formed as the waterfall retreats.

