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River Processes

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| **Across****7.** The action of water wearing away rocks and soils on the valley bottom sides**10.** Some minerals dissolve in the water **16.** This type of erosion makes rivers wider**18.** A type of mass movement where masses of soil or rock, flow like liquid downhill**22.** Erosion that takes place on the river bed**23.** A type of erosion where the water is slightly acidic so it can dissolve some rocks and minerals in contact with the river**24.** As watefalls form these form with it**26.** A river picks up and carries material as it flows downstream**29.** An area of land drained by a river and its tributaries**30.** The breakdown and decay of rock by natural processes**31.** Where does the lower course of the River Dee cross into?**32.** A type of erosion where material carried in the river rubbing against the bed and banks of the channel | **Down****1.** A process of weathering that happens when rainwater enters cracks and then freezes exerting pressure on the rock causing it to break into smaller pieces**2.** A process of weathering when all rain is slightly acidic. The acid reacts with weak minerals causing them to dislove and the rock to decay**3.** A type of erosion sheer force of water hitting the river bed and banks wearing them away**4.** A type of erosion where sediment particles carried into the river collide with each other causing the edges to be knocked off**5.** A process of weathering where the roots of pplants can grow into cracks and split the rock apart**6.** Where is the source of River Dee?**8.** A type of mass movement where soil moves rapidly downslope in one go for example a landslide **9.** When rivers are small they tend to flow around these**11.** Where is the River Dee located?**12.** The movement of rocks and soil downslope due to gravity.**13.** A type of mass movment where individual particles of soil move slowly down a slope**14.** Silt and clay sized particles are carried within the water flow**15.** When a river no longer has enough energy to carry its load**17.** This is where the river came from in the upper course of a river**19.** How high above sea level is the source of River Dee found, in metres?**20.** This appears at the end of the lower course of a river**21.** This is a result of erosion when more resistant rock overlaps less resistant rock**25.** Rolling stones along the river bed**27.** This happens in the middle course of a river and is a bend in a river**28.** Sand sized particles bounce along the bed in a leap frog movement |