

What causes a river to flood?

River flooding is most likely after heavy rain or rapid snow melt. The flood risk is greatest when water is unable to soak into the ground. Human activities can increase the chance of flooding.

Below is a list of words to do with river basins and flooding.

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| 1 Sand. | 13 Urbanisation. | 25 Precipitation. |
| 2 Tarmac. | 14 Evaporation. | 26 Channel. |
| 3 Concrete. | 15 Condensation. | 27 Source. |
| 4 Dam building. | 16 Drainage basin. | 28 Watershed. |
| 5 Planting trees. | 17 Surface water. | 29 Stores. |
| 6 Gutters and drains. | 18 Groundwater. | 30 Lake. |
| 7 High tides. | 19 Typhoons. | 31 Few trees. |
| 8 Roots. | 20 Grass. | 32 Impermeable rock. |
| 9 Snow melt. | 21 Raising river banks. | 33 Hurricanes. |
| 10 Vegetation. | 22 Tidal waves. | 34 Monsoons. |
| 11 Tributary. | 23 Underground drainage. | 35 Floods. |
| 12 Deforestation. | 24 Heavy rain. | |

- 1** a Working with a partner, study the sets of numbers below, which match to words in the list above.
- b Cross out the 'odd one out' in each set.
- c Add a fourth number to match the other two.
- d Explain what links the three 'in' numbers.

Set A	1	2	3	
What's the link?				
Set B	19	33	20	
What's the link?				
Set C	24	35	4	
What's the link?				
Set D	5	9	21	
What's the link?				
Set E	27	6	23	
What's the link?				
Set F	22	14	35	
What's the link?				