**Year 7 – Waterfall Assessment**

1. Cut out the jigsaw pieces from the sheet provided and put them together to make a cross section diagram of a waterfall
2. Label each piece using the words in the features box
3. Fill in the gaps in the process statements using the vocabulary provided in the processes box
4. Number the process statements in the correct sequence

**Processes**

* Undercuts
* Hydraulic action
* Retreats
* Abrasion
* Collapses
* Forms

**Features**

* Gorge
* Hard cap rock
* Plunge pool
* Soft rock
* Undercut
* Angular rock

**Physical process statements**

* The waterfall \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and a steep gorge is left downstream
* The river running on hard rock meets soft rock and begins to erode through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* The plunge pool is deepened by \_\_\_\_\_\_\_\_\_\_\_\_\_ from the angular rock
* Overtime the river \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ the hard cap rock through hydraulic action
* As time goes by the river \_\_\_\_\_\_\_\_\_\_\_\_ a deep plunge pool
* Eventually the cap rock \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ under its own weight

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|  | **Points** |
| The pieces were correctly placed to form a waterfall | 1-4 |
| The pieces were correctly labelled | 1-6 |
| The process statement were correctly completed | 1-6 |
| The process statements were correctly ordered | 1-6 |
| **Total** | **22** |

* 18-22 – A\*
* 15-17 –A
* 12-14 – B
* 10-11 – C
* 8-9 – D