|  |  |
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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Coastal Processes

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  | 1  H |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | Y |  |  | 2  C |  |  |  |  |  |  |  |  |  |  | 3  W |  |  |  |  |  |  | 4  M |  |  |  |
|  |  |  |  |  | D |  |  | H |  |  |  |  |  | 5  L |  |  |  |  | E |  |  |  |  |  |  | E |  |  |  |
|  |  |  |  |  | R |  |  | E |  |  |  |  |  | O |  |  |  |  | A |  |  |  |  |  |  | C |  |  |  |
|  |  |  |  | 6  M | A | S | S | M | O | V | E | M | E | N | T |  |  |  | T |  | 7  C |  |  |  |  | H |  |  |  |
|  |  |  |  |  | U |  |  | I |  |  |  |  |  | G |  |  | 8  A |  | H |  | O |  |  |  |  | A |  |  |  |
|  |  |  |  |  | L |  |  | C |  |  |  |  |  | S |  |  | T |  | E |  | N |  |  |  |  | N |  |  |  |
|  |  |  |  |  | I |  |  | A |  | 9  F | E | T | C | H |  |  | T |  | R |  | 10  S | L | U | M | P | I | N | G |  |
|  |  |  |  |  | C |  |  | L |  |  |  |  |  | O |  |  | R |  | I |  | T |  |  |  |  | C |  |  |  |
|  |  |  |  | 11  B | A | C | K | W | A | 12  S | H |  | 13  E | R | O | S | I | O | N |  | 14  R | O | C | K | F | A | L | 15  L |  |
|  |  |  |  |  | C |  |  | E |  | W |  |  |  | E |  |  | T |  | G |  | U |  |  |  |  | L |  | A |  |
|  |  |  |  |  | T |  |  | A |  | A |  |  |  | D |  |  | I |  |  |  | C |  |  |  |  | W |  | N |  |
|  |  |  |  |  | I |  |  | T |  | S |  |  |  | R |  |  | O |  |  |  | T |  |  |  |  | E |  | D |  |
|  |  |  | 16  T | R | O | U | G | H |  | H |  | 17  C |  | I |  |  | N |  |  |  | I |  |  |  |  | A |  | S |  |
|  |  |  |  |  | N |  |  | E |  |  |  | R |  | F |  |  |  |  |  |  | V |  |  |  |  | T |  | L |  |
|  |  |  |  |  |  |  |  | R |  |  | 18  D | E | S | T | R | U | C | T | I | V | E |  |  |  |  | H |  | I |  |
|  |  |  |  |  |  |  |  | I |  |  |  | S |  |  |  |  |  |  |  |  |  |  |  |  |  | E |  | D |  |
|  | 19  A | B | R | A | S | I | O | N |  |  |  | T |  |  |  |  |  |  |  |  |  |  |  |  |  | R |  | E |  |
|  |  |  |  |  |  |  |  | G |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | I |  |  |  |
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| **Across**  **6.** The movement of sediment downhill due to gravity  **9.** The distance the wave has travelled  **10.** Saturated soil moving along a curved line of failure  **11.** The movement of water being dragged down the beach  **13.** Breakdown & removal of rock  **14.** Fragments of rock breaking off cliffs and falling  **16.** The name given to the lowest point of the wave  **18.** Waves with a high wave height, short wave period & weak swash  **19.** Sediment being thrown against the cliff face | **Down**  **1.** The sheer force of water againsr the rocks. It enters the cracks and causes a mini explosion  **2.** The disintegration of rocks, building materials, etc., caused by chemical reactions  **3.** Breakdown of rock "in situ"  **4.** the process by which various natural agents, as wind and water, act upon exposed rock, causing it to disintegrate to sand and soil.  **5.** The movement of sediment down the coastline in a "zig-zag"  **7.** Waves with a low wave height, long wave period & strong swash  **8.** Material being carried by waves colliding and becoming smaller, smoother, rounder  **12.** The movement of water up the beach  **15.** Blocks of rock sliding downhill  **17.** The name given to the highest point of a wave |