



| Castle Hill Primary School<br>Knowledge Organisers |                                                                                                                                                                                                     | Year 5 Summer 2<br>The Coast                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                              |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Water force                                        | The force of moving water can destroy rocks. Waves crashing means that the repeated pounding actions loosens blocks of rocks and they fall into the sea - this causes the whole cliff to wear back. | estuary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | A drowned valley in a low lying coast.                                                                                       |
| erosion                                            | The wearing away and removal of land.                                                                                                                                                               | landslide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A rapid movement of rock and soil down a cliff. This occurs more commonly in soft rocks and especially after heavy rainfall. |
| coast                                              | The place where the land meets the sea.                                                                                                                                                             | abrasion                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Know that abrasion is the wearing away of a cliff by the scouring action of sand and pebbles carried in the surf.            |
| Sand bank                                          | A build-up of sand off the coast, often sufficient to produce a small island at low tide.                                                                                                           | mudflow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | The rapid movement, as a flow of soil, rock and water, down a cliff.                                                         |
| tide                                               | The change in the level of the sea during the day. Know that the sea comes in and out because of the effect of the <b>tides</b> .                                                                   | Destructive waves                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | are responsible for erosion on the coastline.                                                                                |
| Headlands                                          | Know that a headland is part of the coastline that juts out to sea.                                                                                                                                 | <p style="text-align: center;"><u><b>Key Knowledge</b></u></p> <p>Know that the <b>coast</b> is where the land meets the sea.<br/>Know that it is one of the world's most rapidly changing parts and a place where we can easily see damage</p> <p>Know that the sea comes in and out because of the effect of the <b>tides</b>.<br/>Know that a <b>headland</b> is part of the coastline that juts out to sea.<br/><b>Bays</b> are hollowed- out parts of the coast (a naturally smooth curved inlet of coast).</p> <p>Know that the wearing away of a cliff is called <b>erosion</b><br/>Know that abrasion is the wearing away of a cliff by the scouring action of sand and pebbles carried in the surf.<br/>Know that holidaymakers make use of the dry upper beach at the most sheltered end of the bay.<br/>Know that a <b>delta</b> is a place where material carried by a river is laid down in the sea.<br/>Know that there are many ways that beaches become polluted.<br/>Know that <b>oil pollution</b> is one of the greatest dangers to the beaches and ocean wildlife.</p> |                                                                                                                              |
| cliff                                              | A steep slope at the coast, often with a face of bare rock.                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| wave                                               | The part of the sea caught by the wind and driven inshore.                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| sand dunes                                         | Mounds of sand that build up at the back of some wide beaches as a result of sand being blown inland off the beach at low tide.                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| beach                                              | A thick sheet of sand or pebbles that lies between the high and low-tide parts of a coast.                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| bar                                                | A ridge of sand that forms across an estuary, blocking off a river from the sea.                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| bay                                                | Bays are hollowed- out parts of the coast (a naturally smooth curved inlet of coast).                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| cave                                               | A natural hollow in a cliff, formed as a result of breaking waves crashing against the rocks.                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| cove                                               | A very small bay, usually less than a kilometre or so across.                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| arch                                               | A natural tunnel cut through a headland, usually by the growth of a cave.                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |
| backwash                                           | The flow of surf back down a beach                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                              |

