**Waves – Significant Concepts X-Word Puzzle**



**Clues**

**Across**

2. The state when the wind is transferring energy to the sea (the birth stage in a waves life cycle)

4. The lowest part of a wave

6. This is released when waves break

7. Waves start to break because of \_\_\_\_\_\_\_\_\_ between the sea floor and the bottom of a wave

8. Lines of energy that travel across water

9. The distance across which the wind blows

11. Another name for a tsunami wave

13. A country that was affected by the 2004 Asian tsunami

16. The country the name Tsunami came from

17. A country that was affected by the 2004 Asian tsunami

18. Over 150 000 people died in this country as a result of storm surge caused by a typhoon in 1991

**Down**

1. This is one of the factors that influence the size that a wave can grow to

3. An abnormal rise in sea water level generated by a storm

5. The longer the \_\_\_\_\_\_\_\_\_\_ of the wind the larger the wave

6. These generate tsunamis

8. You can help to reduce the impacts of a tsunami by installing a \_\_\_\_\_\_\_\_\_\_\_\_ system

10. Transfers energy to the water through friction

11. A sport invented in Hawaii to ride waves

12. The name of the zone where waves break (the death stage in a waves life cycle)

14. A tsunami is a form of natural \_\_\_\_\_\_\_\_

15. A knowledge of wave processes is useful because so many human activities are located on or near the \_\_\_\_\_\_\_\_\_\_\_\_

19. Waves that are independent from the wind (the maturity stage in a waves life cycle)