

Year 2: Summer 2 Tsunamis

Pupils will build on their understanding of the world by exploring the places most affected by tsunamis. In their previous unit pupils explored rainforests. Pupils will also draw upon their world knowledge of continents and deepen their knowledge by exploring countries within these continents. Pupils will explore the impact of tsunamis on the environment and on living things. This will build on the impact humans have on the oceans

Sticky Knowledge

1. A tsunami is a large ocean wave caused by an underwater earthquake or volcanic eruption.
2. Tsunamis occur mostly in the Pacific ocean.
3. If there is a sign of tsunami you must leave the area as soon as possible.
4. Tsunamis are sometimes called tidal waves.
5. Japan has the highest recorded number of tsunamis.

Disciplinary knowledge

1. Locate significant places using latitude and longitude.
2. Explain the features of a tsunami and the physical processes that cause them.
3. Using eight points of a compass and four-figure grid references to describe the location of objects and places on a simple map.
4. Analyse maps, atlases and globes, including digital mapping, to locate tsunamis and describe features studied.

Week 1

Water play, creating tsunamis over play cities

To say what a tsunami is.

To define a tsunami.

Week 2

What is a tsunami and factors that cause them

To say one cause of a tsunami.

To explain the causes of tsunamis.

To explain how a tsunami is caused.

To sequence the stages of a tsunami.

Week 3	Countries affected by tsunamis (locate on a map)	
	To locate the Pacific Ocean on a map.	To use my knowledge of tectonic plates to generalise where and why certain countries are impacted.
Week 4	The impact of tsunamis	
	To identify groups affected by a tsunami.	To explain the impact of a tsunami and its effect on the landscape.
	To list an effect of tsunamis on humans.	To use a case study of how people in Hull responded to the Boxing Day tsunami and how it impacted the citizens.
Week 5	Protection from tsunamis	
	To draw one way to protect yourself from a tsunami.	To prioritise and justify the steps we must take to protect ourselves from a tsunami.
	To know how humans can protect themselves from tsunamis.	To explain the effects of climate changes on extreme weather cases.
Week 6	Creating a pulley system to be used in tsunami rescues.	
	To design a pulley system to be used in a tsunami.	To research and design simple pulley system designs, explaining how they operate.