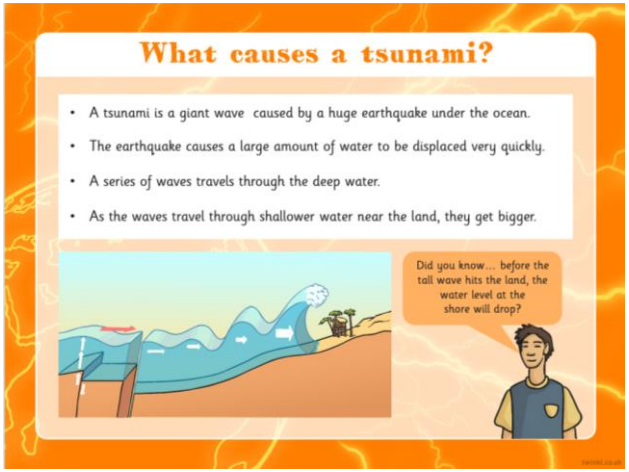
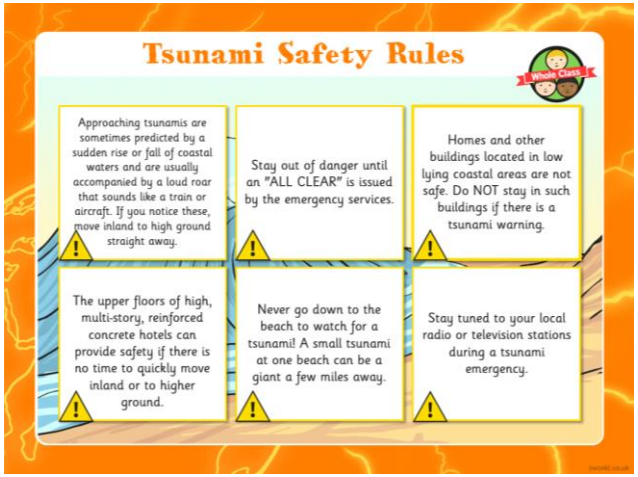
Year 3: Geography Knowledge Mat – Weather around the World: Tsunami and Tornado

Twinkl – Tsunami lesson pack: TP2-G-009-PlanIt-Geography-Year-3-Extreme-Earth-Unit-Pack_ver_14 (2).zip\Lesson 5 - Tsunamis - Lesson Pack





Tsunami

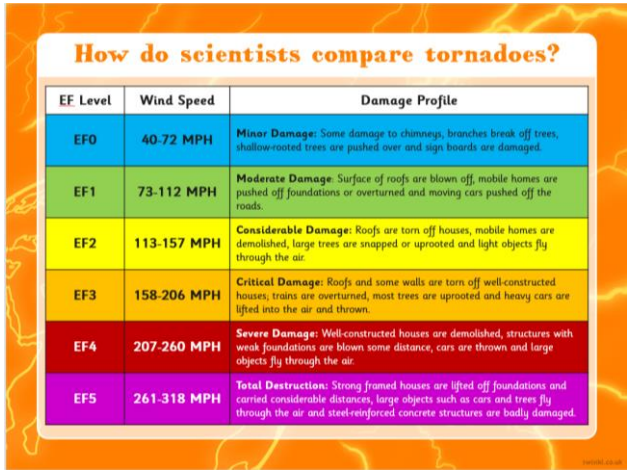
Tsunami - a long, high sea wave caused by an earthquake or other disturbance.

Tornado

Tornado - a mobile, destructive vortex of violently rotating winds having the appearance of a funnel-shaped cloud and advancing beneath a large storm system.

Vortex - is a mass of wind or water that spins round so fast that it pulls objects down into its empty centre.

Twinkl – Tornado lesson pack: TP2-G-009-PlanIt-Geography-Year-3-Extreme-Earth-Unit-Pack_ver_14 (2).zip\Lesson 6 -Tornadoes - Lesson Pack



EF Level	Wind Speed	Damage Profile
EF0	40-72 MPH	**Minor Damage:** Some damage to chimneys, branches break off trees, shallow-rooted trees are pushed over and sign boards are damaged.
EF1	73-112 MPH	**Moderate Damage**: Surface of roofs are blown off, mobile homes are pushed off foundations or overturned and moving cars pushed off the roads.
EF2	113-157 MPH	**Considerable Damage:** Roofs are torn off houses, mobile homes are demolished, large trees are snapped or uprooted and light objects fly through the air.
EF3	158-206 MPH	**Critical Damage:** Roofs and some walls are torn off well-constructed houses; trains are overturned, most trees are uprooted and heavy cars are lifted into the air and thrown.
EF4	207-260 MPH	**Severe Damage:** Well-constructed houses are demolished, structures with weak foundations are blown some distance, cars are thrown and large objects fly through the air.
EF5	261-318 MPH	**Total Destruction:** Strong framed houses are lifted off foundations and carried considerable distances, large objects such as cars and trees fly through the air and steel-reinforced concrete structures are badly damaged.