

<p>Rapid increase in amount of algae and bacteria that decompose it. Oxygen is removed from water.</p> <p>Remove 1 blue and 1 pink block.</p>	<p>Changes in ocean currents causes phytoplankton to disperse and become sparser.</p> <p>Remove 2 green blocks.</p>	<p>Increase in atmospheric CO₂ leads to increased ocean acidification.</p> <p>Remove 2 pink blocks.</p>
<p>Successful beach clean – up ensures algae is at a healthy level and enough oxygen is available for aquatic animals.</p> <p>Put back 1 blue block.</p>	<p>Amount of sunlight reaching phytoplankton increases, increasing photosynthesis and phytoplankton growth.</p> <p>Put back 1 green block.</p>	<p>Increase in storms causes increase in pollution from storm drains.</p> <p>Remove 1 green and 1 blue block.</p>
<p>Chemical spill in watershed (area drained by a river and its tributaries).</p> <p>Remove 1 green, 1 blue and 1 pink block.</p>	<p>Layer of smog reduces photosynthesis causing a reduction in phytoplankton.</p> <p>Remove 1 green block.</p>	<p>Oil spill in harbour.</p> <p>Remove 1 green, 1 blue and 1 pink block.</p>
<p>Increase in ocean temperature leads to smaller phytoplankton which cannot be used as food for zooplankton.</p> <p>Remove 1 blue and 1 pink block.</p>	<p>Whales leave the area to breed in warmer waters, allowing fish and krill populations to increase again.</p> <p>Put back 1 pink block.</p>	<p>Blue whales remain in area longer than usual due to rise in ocean temperature.</p> <p>Remove 1 pink block.</p>
<p>Changes in ocean currents reduce nutrients available to phytoplankton and zooplankton.</p> <p>Remove 1 green and 1 blue block.</p>	<p>Rise in ocean temperature impacts on all organisms in marine ecosystem.</p> <p>Remove 1 green, 1 blue and 1 pink block.</p>	<p>Rainwater influx into ocean reduces the concentration of phytoplankton.</p> <p>Remove 2 green blocks.</p>

<p>Introduction of invasive (non-native) zooplankton that reduce amount of phytoplankton and zooplankton.</p> <p>Remove 1 green block and put back 1 blue block.</p>	<p>Commercial fishing pressure is reduced.</p> <p>Replace 1 pink block.</p>	<p>A Marine Protected Area prevents the removal of fish and krill by fishermen.</p> <p>Replace 1 pink block.</p>
<p>Treatment of local sewage waste water is improved prior to release into ocean.</p> <p>Replace 1 green and 1 blue block.</p>	<p>Increased use of renewable energy reduces CO₂ from fossil fuels, slowing climate change and ocean acidification.</p> <p>Replace 1 green block.</p>	<p>Ecotourism and whale watching encourage locals to protect the ocean by reducing water pollution.</p> <p>Replace 1 green and 1 blue block.</p>
<p>Scientists notice and remove a non-native predatory fish species before it reproduces and impacts on native fish.</p> <p>Replace 1 pink block.</p>		

Jenga colour codes:

- **Green** – phytoplankton
- **Blue** – zooplankton
- **Pink** – krill and fish
- **Orange** – whale

*Please leave spacing in place in document for ease of cutting

