Science glossary
Year 7

Term	Meaning
biologist	a scientist who studies the environment and living matter in all its forms
bycatch	any unwanted marine (sea) creatures caught while fishing for a different species; may include the young of the species being fished for
carnivore	an organism that feeds on animal matter
carrion	the decaying flesh of dead animals
cartographer	a person who makes maps
cause and effect	the relationship between an event (cause) and the phenomenon (effect) caused by the event
commercial fishing	the industry of taking, processing and selling fish and fish products
consumer	an organism that consumes other organisms to gain essential nutrients and energy for survival
consumer demand	the amount of living or non-living organisms that are required by consumers for survival
disease	incorrect functioning of any part of a living organism, which may be caused by infection, genetic factors, toxicity or unfavourable environmental factors
energy arrow	arrows used in food webs and food chains to indicate the direction of the flow of matter and energy
environmental resources	resources that occur naturally in the environment
food chain	graphical representation of a sequence of feeding relationships between organisms within a community or defined area
food web	a series of interrelated food chains
glaciologist	a scientist who studies glaciers (giant ice flows)
herbivore	an organism that feeds on producers only
human impact	changes in an environment as a result of human activity
IUU	IUU (illegal, unreported and unregulated) fisheries: illegal fishing that takes place when fishing vessels operate in violation of the laws of a fishery
key species	species that is the focus of a food web
longline fishing	a commercial fishing technique that uses a long line, called the main line, with baited hooks attached at intervals
marine environment	all the surroundings, both living and non-living relating to or located in the sea
meteorologist	a scientist who studies meteorology (science of the atmosphere and weather)
omnivore	an organism that feeds on animal and plant matter
pollution	the presence of a substance or object that has harmful or poisonous effects on an environment

Term	Meaning
population	the number of organisms of the same species within a defined area
producer	an organism which makes biomass (renewable organic matter) from inorganic compounds; also known as an autotroph
sustainable	support the needs of the present without compromising the ability of future generations to support their needs
target species	the sought-after species of a commercial enterprise such as fishing
trawling	the practice of fishing using a trawling net
trophic level	the energy position or feeding position that an organism occupies in a food chain
veterinarian	a person who specialises in the care of animals and the treatment of their injuries and illnesses