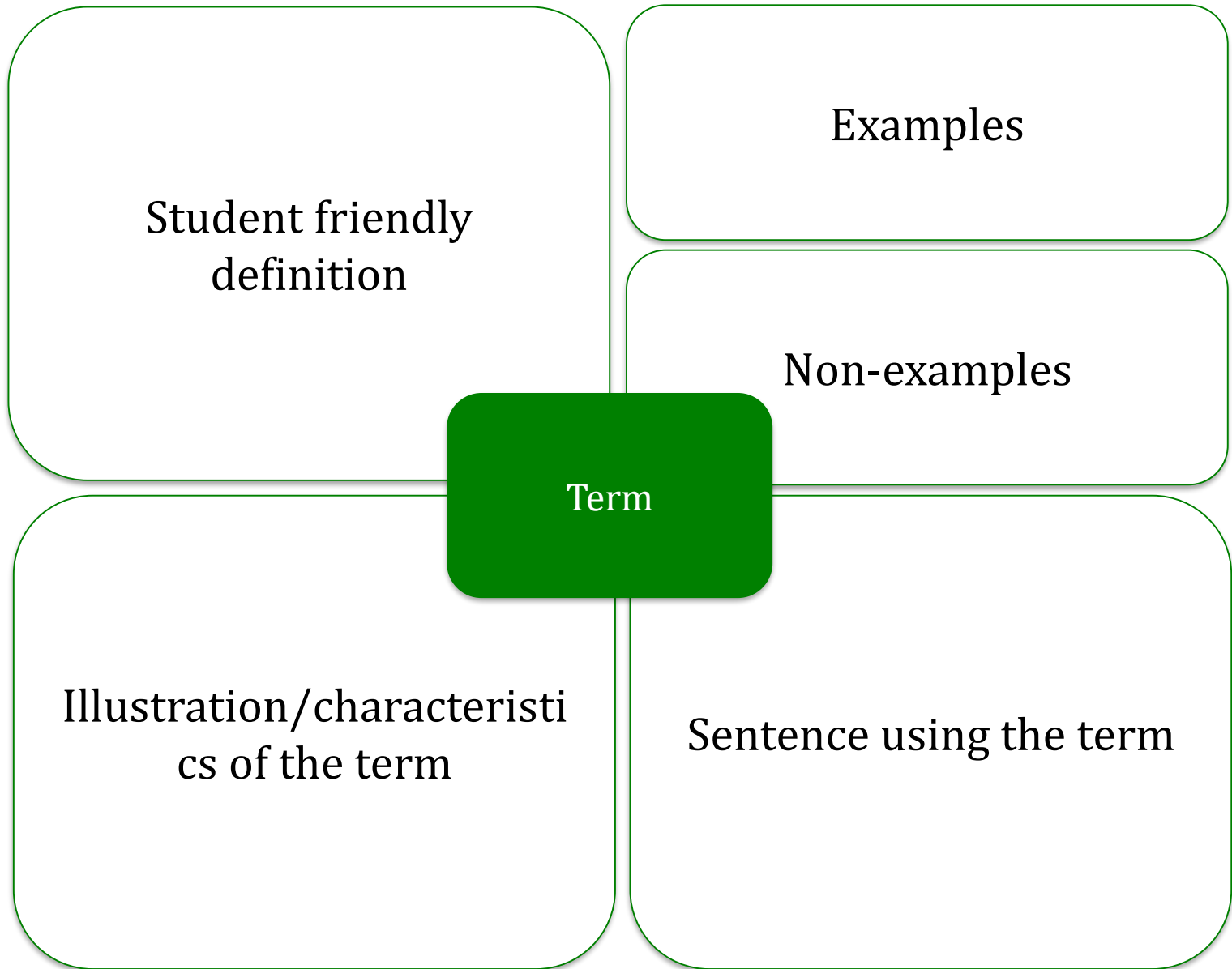


Topic	Ecological terms	Level	GCSE (or any course for students aged 11-16)
Outcomes	To understand the meanings of the following terms: habitat, species, population, community, abiotic, biotic, ecosystem, interdependence and competition.		
Information for teachers	This activity is based on the Frayer model to teach vocabulary. You could use this activity at the beginning of any unit on ecology, either to introduce these words or to activate prior knowledge. It can be quite useful to ask students to write down what they think the word means first, before providing them with the definition. Avoid asking students to come up with their own definition. You could ask specific students to read out their sentences to check understanding before they complete the final task on slide 12.		
Pedagogy links	http://thescienceteacher.co.uk/literacy-for-science/		



Student friendly
definition

Examples

Non-examples

Term

Illustration/characteristi
cs of the term

Sentence using the term

Definition

The place where an organism lives.

Examples

pond, forest,
grassland, rainforest

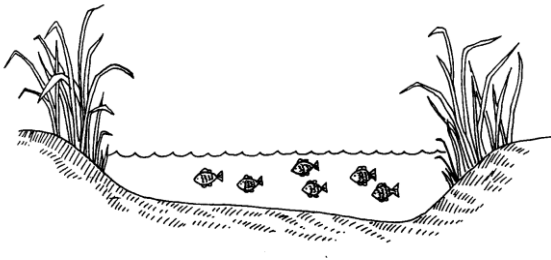
Non-examples

Earth, the moon

habitat

Illustration/characteristics

Provides food and shelter for organisms



Sentence using word

The **habitat** of a daisy is short grassland.

Definition

A group of organisms that can breed together to produce fertile offspring.

Examples

haddock
human
English oak

Non-examples

species

Illustration/characteristic

s

Sentence using word

Definition

All the members of a single species that live in a habitat.

Examples

Trout population in a pond
Lion population in the Serengeti

Non-examples

Fish population

population

Illustration/characteristic

s



Sentence using word

When there wasn't enough to eat the lion population decreased.

Definition

All the populations of different organisms that live together in a habitat.

Examples

Non-examples

community

Illustration/characteristic

s

Sentence using word

Definition

Examples

Non-examples

abiotic factors

Illustration/characteristic

s

Sentence using word

Definition

Examples

Non-examples

biotic factors

Illustration/characteristic

s

Sentence using word

Definition

When organisms from the same or different species compete for a limited resource.

Examples

Non-examples

competition

Illustration/characteristic

s

Sentence using word

Definition

The interaction of a community of living organisms (biotic) with the non-living (abiotic) parts of their habitat.

Examples

Non-examples

ecosystem

Illustration/characteristic

s

Sentence using word

Definition

When one species depends on other species.

Examples

Non-examples

interdependence

Illustration/characteristic

s

Sentence using word

Write a paragraph that describes this image. You must include every key word below.



habitat, species, population, community, abiotic, biotic, ecosystem, interdependence, competition