

## Science Blog worksheet- Year 4

**Q1. Study the food chain given below and answer the following questions.**

**Phytoplankton** → **Zooplankton** → **Krill** → **Squid** → **Killer whale**

Identify the habitat. \_\_\_\_\_

Identify the producer. \_\_\_\_\_

Where does the producer get its energy from? \_\_\_\_\_

Identify all the consumers. \_\_\_\_\_

Find two predators and their prey from the food chain.

Predator \_\_\_\_\_ Prey \_\_\_\_\_

Predator \_\_\_\_\_ Prey \_\_\_\_\_

Name the secondary consumer in the food chain. \_\_\_\_\_

Killer whale is a carnivore because \_\_\_\_\_

Name the herbivores in the food chain. \_\_\_\_\_

The arrow in the food chain shows \_\_\_\_\_

Name the tertiary consumer in the food chain. \_\_\_\_\_

**What will happen if we take out all the squids from the ocean? Explain your answer with reasons.**

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## Science Blog worksheet – Year 4

### (Answer key)

**Q1. Study the food chain given below and answer the following questions.**

**Phytoplankton → Zooplankton → Krill → Squid → Killer whale**

Identify the habitat. Marine

Identify the producer. Phytoplankton

Where does the producer get its energy from? Sunlight

Identify all the consumers. Zooplankton, Krill, Squid, Killer whale

Find two predators and their prey from the food chain.

Predator Krill Prey Zooplankton

Predator Killer whale Prey Squid

Name the secondary consumer in the food chain. Krill

Killer whale is a carnivore because it eats squid.

Name the herbivores in the food chain. Zooplankton.

The arrow in the food chain shows Who eats who.

Name the tertiary consumer in the food chain. Squid.

**What will happen if we take out all the squids from the ocean? Explain your answer with reasons.**

If we take out all the squids from the ocean, the killer whales died out as there is no food left for the

whales. The population of krill will be increased because there is no one left to eat it. When the

population of the krill will be increase, they start eating all the zooplanktons. The population of the

zooplankton will be decreased and in the end no food is left for the krill. If all the zooplanktons will be

finished then the population of phytoplankton will be increased.

