**Unit 4 Biological Sciences – S2 Task Card**

Part One: Definition List

Using the videos, you need to write down your own definitions for each of these terms. Provide at least **one example** for each

1. Organism
2. Biodiversity
3. Ecosystem
4. Producer
5. Consumer
6. Habitat
7. Carnivore
8. Herbivore
9. Ecosystem
10. Food chain

Part Two:

**Use your definition for Biodiversity to explain what this statement means**

*If there was no biodiversity, all animals would be the same, eat the same things and live in the same type of habitat. Why would this be a bad thing?*

Your answer must include your definition of **biodiversity** and **habitat**, and be at least **ONE PARAGRAPH.**

You must also us an ecosystem as an example, such as the ocean or rainforest, in your response.

Part Three: Food Chain

Draw out your food chain in your book, or create it with an App of your choice. It should include pictures of the organisms, and arrows showing who eats who.  (You must make your own food chain using images you have found, do not copy one from the internet!)

If you are stuck, choose one of the food chains listed in this website [here](http://examples.yourdictionary.com/examples-of-food-chains.html).

Predict what would happen if all animals in the last part of your food chain disappeared for good. What would happen to the ecosystem? **Your answer needs to include examples and evidence.**