

Science – Y9 Term 5

What are we learning this half-term?

This half-term students will start to learn about Ecology. They will begin by considering what different organisms compete for and the different types of competition; how living things are adapted for survival and how ecologists would go about sampling population sizes. We will then consider the cycling of finite resources through our ecosystems. Finally, we will consider the human impact on land use, biodiversity and the impacts of global warming.

Resources you can use at home

BBC Bitesize: <https://www.bbc.co.uk/bitesize/topics/zxxhh39>

Optional home learning tasks

Use Look, Cover, Write, Check to learn keywords and definitions from their knowledge organisers.

Use mind mapping techniques or create question and answer flashcards to learn sections of their knowledge organisers.

Ecology Task:

Write a report of 1-2 sides A4 to describe how Ecologists have been able to increase the population of the Red Kite in Southern England.



Your report should include:

- A labelled diagram of the adaptations of the Red Kite; this should show how its features help it to survive.
- Information on the feeding strategy of the red kites.
- A table or graph to show the change in population size of the red kites.
- Strategies Ecologists used to increase the population size.
- Arguments for and Against the repopulation of the Red Kites.
- Your opinion on the reintroduction of the Red kites.

SenecaLearning. com– Students can create a free account to record their progress. They then need to add Science KS3 to their course list.

1.3 Ecological Relationships: <https://app.senecalearning.com/classroom/course/419c7523-d408-4bc7-9b96-f7f12abdacae>