

## Year 10 Independent Home learning 'Quarantine Pack' Spring 1

This document is intended to give instruction and links to work that pupils can complete independently whilst under quarantine due to COVID-19 or for any other reason that pupils are on extended absence from school. It outlines the work that pupils would normally engage with in school and provides links to sources where they can keep up, catch up and potentially move ahead in preparation for their return to school.

The topic for Year 10 in Spring 1 is The Living World. The case study examples are Thar Desert, Amazon Rainforest and the Sahel.

For the majority of this topic excellent lessons and resources are found on Oak National Academy. Watch the videos, participate in the quizzes and tasks within the lessons. Look at the lesson content below and select the lessons that you need to catch up with, or haven't yet done. They are in the order of content that we would move through the topic.

Key content	Source of information
An introduction to ecosystems	<a href="https://classroom.thenational.academy/lessons/an-introduction-to-ecosystems-cmvk4d">https://classroom.thenational.academy/lessons/an-introduction-to-ecosystems-cmvk4d</a>
Global ecosystems: Where are they and what are they like?	<a href="https://classroom.thenational.academy/lessons/global-ecosystems-where-are-they-and-what-are-they-like-6rrp2r">https://classroom.thenational.academy/lessons/global-ecosystems-where-are-they-and-what-are-they-like-6rrp2r</a>
What are the physical characteristics of the tropical rainforest?	<a href="https://classroom.thenational.academy/lessons/what-are-the-physical-characteristics-of-the-tropical-rainforest-6nk64t">https://classroom.thenational.academy/lessons/what-are-the-physical-characteristics-of-the-tropical-rainforest-6nk64t</a>
Interdependence in the tropical rainforest	<a href="https://classroom.thenational.academy/lessons/interdependence-in-the-tropical-rainforest-6tk3cr">https://classroom.thenational.academy/lessons/interdependence-in-the-tropical-rainforest-6tk3cr</a>
Plant adaptations in the tropical rainforest	<a href="https://classroom.thenational.academy/lessons/plant-adaptations-in-the-tropical-rainforest-c4v6ac">https://classroom.thenational.academy/lessons/plant-adaptations-in-the-tropical-rainforest-c4v6ac</a>
Animal adaptations in the tropical rainforest	<a href="https://classroom.thenational.academy/lessons/animal-adaptations-in-the-tropical-rainforest-60r36t">https://classroom.thenational.academy/lessons/animal-adaptations-in-the-tropical-rainforest-60r36t</a>
Changing rates of deforestation	<a href="https://classroom.thenational.academy/lessons/changing-rates-of-deforestation-ctk68c">https://classroom.thenational.academy/lessons/changing-rates-of-deforestation-ctk68c</a>
What are the causes of deforestation in the Amazon rainforest? (Part 1)	<a href="https://classroom.thenational.academy/lessons/what-are-the-causes-of-deforestation-in-the-amazon-rainforest-part-1-c4wk2r">https://classroom.thenational.academy/lessons/what-are-the-causes-of-deforestation-in-the-amazon-rainforest-part-1-c4wk2r</a>
What are the causes of deforestation in the Amazon rainforest? (Part 2)	<a href="https://classroom.thenational.academy/lessons/what-are-the-causes-of-deforestation-in-the-amazon-rainforest-part-2-ccv6cc">https://classroom.thenational.academy/lessons/what-are-the-causes-of-deforestation-in-the-amazon-rainforest-part-2-ccv6cc</a>
What are the impacts of deforestation on the Amazon rainforest?	<a href="https://classroom.thenational.academy/lessons/what-are-the-impacts-of-deforestation-on-the-amazon-rainforest-6rtpar">https://classroom.thenational.academy/lessons/what-are-the-impacts-of-deforestation-on-the-amazon-rainforest-6rtpar</a>
What is the value of the tropical rainforest to people and the environment?	<a href="https://classroom.thenational.academy/lessons/what-is-the-value-of-the-tropical-rainforest-to-people-and-the-environment-c9k38c">https://classroom.thenational.academy/lessons/what-is-the-value-of-the-tropical-rainforest-to-people-and-the-environment-c9k38c</a>
How can we manage the rainforest sustainably? (Part 1)	<a href="https://classroom.thenational.academy/lessons/how-can-we-manage-the-rainforest-sustainably-part-1-60rpcd">https://classroom.thenational.academy/lessons/how-can-we-manage-the-rainforest-sustainably-part-1-60rpcd</a>
How can we manage the rainforest sustainably? Part 2	<a href="https://classroom.thenational.academy/lessons/how-can-we-manage-the-rainforest-sustainably-part-2-6muk0d">https://classroom.thenational.academy/lessons/how-can-we-manage-the-rainforest-sustainably-part-2-6muk0d</a>

Physical characteristics of hot deserts	<a href="https://classroom.thenational.academy/lessons/physical-characteristics-of-hot-deserts-crr38r">https://classroom.thenational.academy/lessons/physical-characteristics-of-hot-deserts-crr38r</a>
Interdependence of features of a hot desert	<a href="https://classroom.thenational.academy/lessons/interdependence-of-features-of-a-hot-desert-70w34d">https://classroom.thenational.academy/lessons/interdependence-of-features-of-a-hot-desert-70w34d</a>
Hot desert: Adaptations to plants	<a href="https://classroom.thenational.academy/lessons/hot-desert-adaptations-to-plants-70r36c">https://classroom.thenational.academy/lessons/hot-desert-adaptations-to-plants-70r36c</a>
Hot desert: Adaptations to animals	<a href="https://classroom.thenational.academy/lessons/hot-desert-adaptations-to-animals-6ct30e">https://classroom.thenational.academy/lessons/hot-desert-adaptations-to-animals-6ct30e</a>
The Thar Desert – opportunities and challenges	<a href="https://mayfieldschoolpo2.sharepoint.com/sites/Year10Geographers/Shared%20Documents/General/Live%20lesson%20recordings/Solutions%20to%20Desertification%20Live%20Lesson.mp4">https://mayfieldschoolpo2.sharepoint.com/sites/Year10Geographers/Shared%20Documents/General/Live%20lesson%20recordings/Solutions%20to%20Desertification%20Live%20Lesson.mp4</a>
Causes of desertification: Population growth	<a href="https://classroom.thenational.academy/lessons/causes-of-desertification-population-growth-6mw3et">https://classroom.thenational.academy/lessons/causes-of-desertification-population-growth-6mw3et</a>
Causes of desertification: Soil erosion	<a href="https://classroom.thenational.academy/lessons/causes-of-desertification-soil-erosion-6cwpct">https://classroom.thenational.academy/lessons/causes-of-desertification-soil-erosion-6cwpct</a>
Strategies to reduce the risk of desertification	<a href="https://classroom.thenational.academy/lessons/strategies-to-reduce-the-risk-of-desertification-cgv66d">https://classroom.thenational.academy/lessons/strategies-to-reduce-the-risk-of-desertification-cgv66d</a> Mayfield live lesson <a href="https://mayfieldschoolpo2.sharepoint.com/sites/Year10Geographers/Shared%20Documents/General/Live%20lesson%20recordings/Solutions%20to%20Desertification%20Live%20Lesson.mp4">https://mayfieldschoolpo2.sharepoint.com/sites/Year10Geographers/Shared%20Documents/General/Live%20lesson%20recordings/Solutions%20to%20Desertification%20Live%20Lesson.mp4</a>
Living World Revision Lesson	<a href="https://mayfieldschoolpo2.sharepoint.com/sites/Year10Geographers/Shared%20Documents/General/Live%20lesson%20recordings/Living%20World%20Revision%20Live%20Lesson.mp4">https://mayfieldschoolpo2.sharepoint.com/sites/Year10Geographers/Shared%20Documents/General/Live%20lesson%20recordings/Living%20World%20Revision%20Live%20Lesson.mp4</a>

This is the link for the Mayfield Geography Youtube playlist for this topic which has lots of videos all related to this topic.

<https://www.youtube.com/playlist?list=PLF5IzCURa6GJwzgvESNUAEKVgvbVgIgrR>