

Y7 Home Learning – Ecosystems

Create a word search or crossword using all the new key terms you have used in this topic.

ECOSYSTEMS WORDSEARCH

Q Y R B N Y R T N P P O R G
E G N E D N E P E D R E T N I
K X P P M S S M T R I R N
N N E R T B W O A U A M Z W
K W P R D J N T P S S R S R S
P L C T O I O I K C M R N N M
R L A V V O R D M S O O D D
E W O R A I O D S O I C E C
C U R D H O R A R T B S E T
U E D V A F I M R A D C Z P D
D L G O Z T O V L E T P R E F
O D M L I O U D N H T Y K V
R T D N B Y R N R R R S M
P L V T O K L J N V E N X X V
Q Z T W P M L L O N L D M V

BIOMASS **CARNIVORE**
CONSUMER **DECOMPOSER**
FOSSIL FUEL **INHERIT**
INTERDEPENDENCE
NICHE **OMNIVORE**
POPULATION **PREDATOR**
PREY **PRODUCER**

ECOSYSTEMS CROSSWORD

Across

46 Organism that eats the bodies of other organisms.
47 Organism that eats both plants and animals.
48 Animal that eats other animals.
49 The regularly patterned spaces within a forest may have.
50 Organism that eats the bodies of other animals.
51 Organism that eats other organisms in both.
52 Animal that is eaten by another animal.

Down

53 Organism that feeds on dead and decaying organic matter and releases nutrients.
54 Parasite that lives on or inside another organism.
55 The number of plants or animals of the same kind that live in an area.
56 Organism that eats other animals.
57 The total dry mass of one animal or plant in a food chain or web.

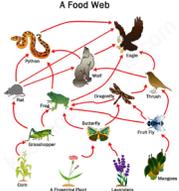
Watch a David Attenborough 'Planet Earth 2' programme, choose one of the ecosystems covered and write a review of the episode.

<https://www.bbc.co.uk/iplayer/episodes/p02544td/planet-earth-ii>



Choose two of the following 6 ecosystems: deserts, woodlands, rainforests, coral reefs, polar or grasslands.

Create a picture based food web for each ecosystem,



Become a Ecosystems expert, improve your skills by going to:

<https://www.bbc.co.uk/bitesize/topics/ztgw2hv>

Watch the videos, read the text and take the quiz!



You can apply your geographical knowledge to the world around us, that is what geography is all about! Go into your garden or outside your house and create a food web based on the plants and animals you can see around you. Have a look under rocks and see what minibeasts you can find! Explain your findings to someone at home.

Create a quiz about an ecosystem of your choice, make it a multiple choice quiz with some really tricky questions in. Test members of your household, how is the ecosystems superstar?!




The rainforests around the world are being destroyed, this has a huge consequences for local food webs, people and the world. Write a letter to the president of Brazil explaining the importance of saving the rainforest.

HE President Jair Bolsonaro
 Presidente da República Federativa do Brasil
 Gabinete do Presidente
 Palácio do Planalto
 Praça dos Três Poderes
 70150-900
 Brasília DF
 Brazil

Get creative! Create a food web from an ecosystem of your choice all out of toilet rolls! Can you turn it into a mobile?



Enjoy your learning 😊