Year 8 Environment Learning Journey

Lesson Remember this!

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| Data collected from quadrat sampling |
| Sampling methods can be used to measure populations |
| Data collected from pitfall traps |
| Animals can be found living in different conditions |
| Animals can learn and change their behaviour |
| There are differences between animals in a species |
| Variation between organisms can be useful |
| Animals are part of food chains as prey or predators |
| Simple feeding relationships are shown in a food chain |
| Humans undertake some actions that can affect numbers of animals in food chains |
| Humans undertake some activities that harm the planet |
| Climate change can make it impossible for some animals to remain living in their habitats |
| If the number of animals of a species decreases to 0 the species is extinct |

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| 1- Sample plant species living in different habitats  |
|  2- analyse plant sampling data  |
| 3- sample habitats for invertebrates  |
| 4- analyse invertebrate sampling data  |
| 5- investigate learned behaviour in animals  |
| 6- classify variations as environmental or inherited  |
| 7- learn how animals are adapted to their habitat |
| 8- how variation allows natural selection  |
| 9- learn how energy moves through food chains and webs |
| 10- learn how to draw food pyramids and how they can be affected  |
| 11- learn how humans actions affect ecosystems  |
| 12- how human actions cause climate change  |
| 13- what causes animals to become extinct  |
| 14- learn about the role of gene banks in preventing extinction  |

