

Outdoor learning—Biodiversity

Dosbarth Ysgawen—8 June 2023

In dosbarth Ysgawen we have been investigating biodiversity. We used 1m quadrats to investigate which species were present in our school grounds.



First we used a metre ruler, pegs and string to mark out a 1m square area. We all tried to choose a different location.

Then we used Google Lens to help identify all the species of plant and animal we could find inside that square.



Finally, we came together and compared our results. We found that the places with the highest variety of species were the wildflower meadow under the apple trees, and the hedgerow.



We wondered whether more species could live in areas that had not been mowed, so we went exploring on the playing fields.



We saw damsel flies, ladybirds, bees and many different flies, as well as more varieties of flowers. We even discovered a few holes in the ground and debated whether they were rabbit, badger or fox homes.

We thought about how important it is to leave areas we rarely use un-mown so that other species can use those spaces.



Food Webs

We were each given a card with a name of a UK animal on it. It told us what that animal liked to eat, and what liked to eat that animal. Next Miss Dixon became the sun and we passed the sun's energy around using wool to represent the energy transfer as each plant or animal was consumed. We were surprised at how quickly the web broke down once one food source was removed.



We then chose our own biome/ habitat to research and created a food web for that biome.



Finally, we worked together to weed and tidy up the front entrance. What a busy day!

