

Census or sample data analysis - your school

To get a clear picture of the schoolyard biodiversity it is useful to analyse the class results.

Record the class results here.

Group number	Total number of species	Total number of organisms	Biodiversity Index

Find the class mean Biodiversity Index.

How does this compare with your areas Biodiversity Index?

Choose a group whose Biodiversity Index was very different to yours and compare the data using the box-plot you both created in the Data Collection worksheet. Describe the differences and suggest possible explanations.

Would taking a census of the entire ecosystem give you an accurate picture of the biodiversity? Why/ Why not?