

BUTTERFLY TIMED COUNT

Biodiversity means the variety of life in the natural world around us. Native plants and trees found in the Tiny Forest support biodiversity by providing habitats and resources for a broad range of species, including butterflies. We can investigate the biodiversity of the forest by identifying and recording the different species and number of butterflies we observe.

EQUIPMENT PER GROUP:

- 1 x Timer
- 1 x Butterfly ID guide
- 1 x Tablet/phone/printed field sheet

WHEN TO SURVEY

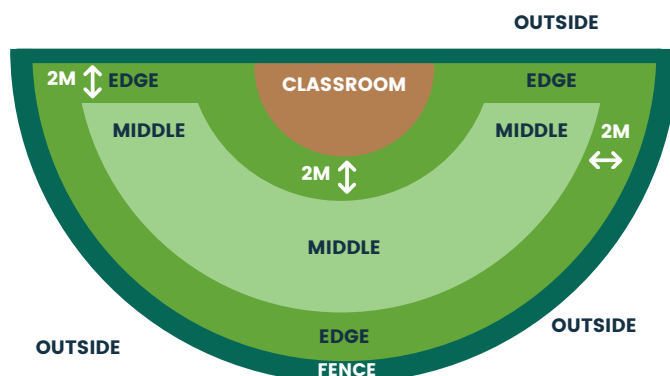
Try to survey during the middle of the day when it is warmest, and when the forest is not disturbed by many people.



INSTRUCTIONS

STEP 1

- Record your location Choose where you will stand to do your butterfly count. Pick somewhere inside or outside the Tiny Forest where you have a good view of the whole forest. Record if you are in the middle, edge, classroom or outside the forest. See the diagram (right) to help you define where you are.



STEP 2

- Record your level of experience in butterfly identification. Before you start your observations, record your level of experience in identifying butterflies and familiarise yourself with the Butterfly ID guide or iRecord app.
- Begin the 15 minute timer and observe the whole of the Tiny Forest during this time.
- Record the abundance of each butterfly species you see in or above the forest on your tablet, phone or field sheet. Record the maximum number for each butterfly species at the same time i.e. if you see three red admiral butterflies in your patch at the same time, you can record the abundance as three. If however, you see one red admiral at minute two and two red admirals at minute five, then the maximum number of red admiral butterflies you have seen at the same time is two (not three).