

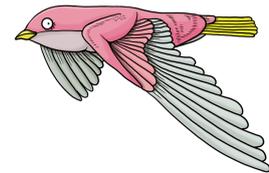


TINY FOREST PROFILE: SET UP

The setup and recording of details of a Tiny Forest site is very important to ensure the collected data is of good quality and collected regularly enough to be useful for scientific research. Key features (which you will decide on below), once created, will be permanent, and part of your Tiny Forest profile. This document will help you to have the best set up for your Tiny Forest profile. Please record and save it with your Tiny Forest documentation.

WHAT TO SET UP:

1. Tiny Forest name and code
2. Biodiversity tiles
3. Weather stations



SET UP METHODS:

1. Tiny Forest name and code

The name ideally will be unique and include the city/town/village where it is located. For example, Reading Caversham Tiny Forest, where Reading is the city, and Caversham is the area within the city. Keep it simple, as people will refer to the Tiny Forest by this name.

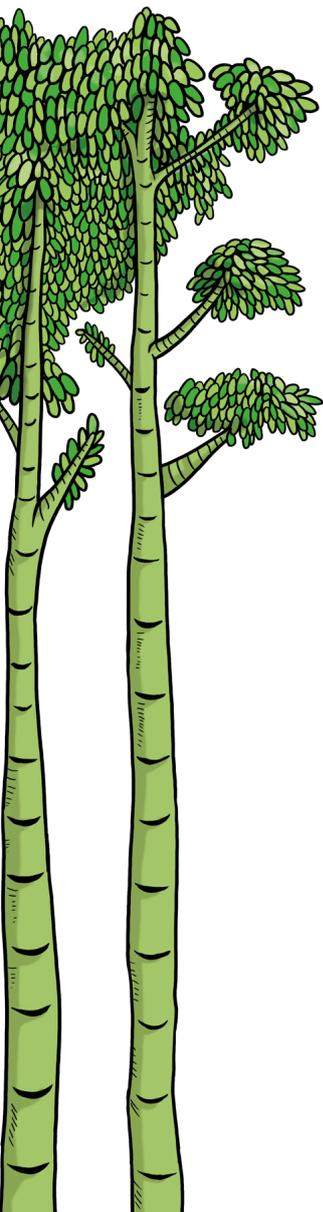
Once you have the name, you can create a code. The code will summarise the name, and will be used in the labels for the trees. For example, "ReC". You may want to place a sign with the name of your Tiny Forest.

Tiny Forest name	Tiny Forest code	Date

2. Biodiversity tiles

You will need to set up six biodiversity tiles (paving slabs) within the Tiny Forest. Label the tiles from 1 to 6 using a method that is permanent and weather proof. We suggest using non-toxic paint.

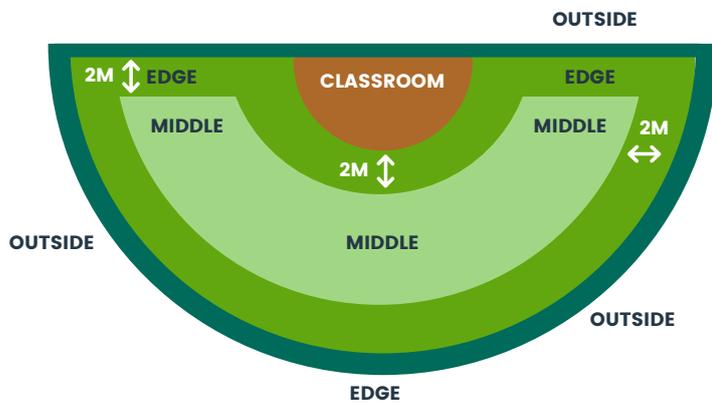
Proceed to locate three tiles somewhere in the middle of the Tiny Forest and three somewhere at the edge of the Tiny Forest. The idea is to have them where they can provide a good representation of the forest, soil and invertebrates living there. Use the following definitions and diagram below to help you identify these locations.



Middle: A Tiny Forest cannot be less than 4m wide at any one point. If you are 2m or more away from any edges, including where the classroom area starts, then you are in the middle of the forest. The middle is shown in light green in the diagram below.

Edge: If you are 2m or less away from an area where there are no planted trees, including the classroom area, then you are in the edge of the Tiny Forest. The edge is shown in dark green in the diagram below.

Record below where the tiles have been placed according to the descriptions (middle or edge). We suggest also making a sketch of the Tiny Forest, marking where the tiles are, and saving it for your records.



TILE NUMBER	MIDDLE/EDGE
1	
2	
3	
4	
5	
6	

3. Weather stations

You will ideally have at least three - one in the middle of the Tiny Forest, one at the edge of the Tiny Forest and one outside the Tiny Forest. A fourth weather station could be near grey infrastructure, however that might not be possible at all sites.

Use the same descriptions of middle and edge as described in point 2 and of outside and near grey infrastructure as follows below, to help place your weather stations.

Outside: This is a sampling location that is not in the Tiny Forest. Here there are no planted trees around you (within a 3m radius in all directions), and you are not in the classroom area either. If the Tiny Forest is fenced then you should be on the outside of the fence.

Near grey infrastructure: This is a location outside the Tiny Forest too, and near a permanent feature from the built environment. This is most likely a building (i.e. house, garage), but could also be hard surfacing such as tarmac or paving.

When choosing the locations for your weather stations try, if possible, to position them on a transect so that they run either north-south or east-west. If it is not possible, locate your weather stations as close as you can to make a transect.

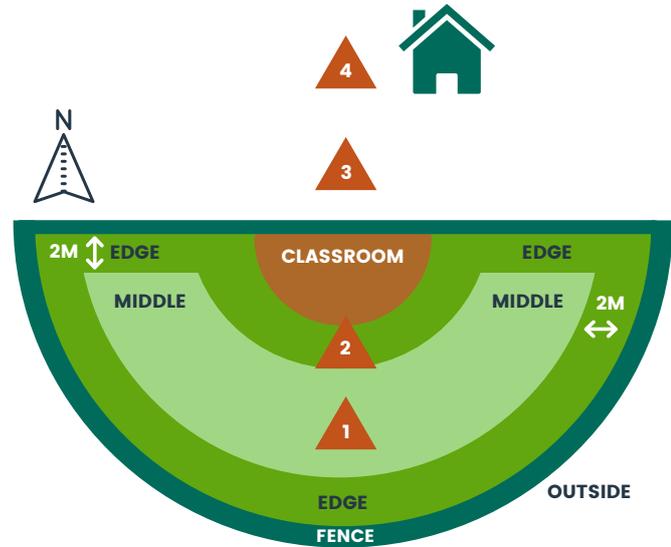


See the diagram and table with an example of weather station locations below for help:

Weather station ID	Latitude	Longitude	Location	Position relative to Tiny Forest centre
1	3° 03' 12" W	51° 00' 55" N	Middle	N/A
2	3° 03' 12" W	51° 00' 54" N	Edge	North
3	3° 03' 12" W	51° 00' 53" N	Outside	North
4	3° 03' 12" W	51° 00' 53" N	Near grey infrastructure	North

Fill in the table below noting down the number of each weather station, their latitude and longitude, their location following the above descriptions, and where they are placed relative to the centre of the Tiny Forest.

The latitude and longitude will be your reference so you can locate the stations in the same place every time you come back for monitoring. You can find the latitude and longitude using Google maps on your phone. Open Google maps and wait for it to register your location. You can press the location button (📍) to help identify where you are. Zoom in as close as you can and hold your finger down over the blue dot which notes where you are. A red pin will appear, and your latitude and longitude coordinates will show up in the information provided about that location (in that order!).



Copy these coordinates down. Mark the weather stations on your Tiny Forest sketch also. If in the future you add more weather stations, please continue to add them to the table too.

Weather station ID	Latitude	Longitude	Location (Middle / Edge / Outside / Near grey infrastructure)	Position relative to Tiny Forest centre (North/South/East/ West/ N/A)