

Links To National 5 Environmental Science: Living Environment Unit

WSFT Exploring the Freshwater

N5 Environmental Science: Living Environment Unit

Skills, knowledge and understanding for the course assessment

b) Biodiversity in the context of one aquatic and one terrestrial ecosystem.

SQA Suggested learning activity

- Investigate biodiversity in aquatic and terrestrial ecosystems. Organise field/site visit

c) Quantitative techniques for sampling plants and animals: ♦ nets

SQA Suggested learning activity

Use dip nets to investigate aquatic invertebrates in rock pools, ponds, or river shallows.

WSFT Exploring Shoreline

N5 Environmental Science: Living Environment Unit

Skills, knowledge and understanding for the course assessment

b) Biodiversity in the context of one aquatic and one terrestrial ecosystem.

SQA Suggested learning activity

- Investigate biodiversity in aquatic and terrestrial ecosystems. Organise field/site visit

c) Quantitative techniques for sampling plants and animals: ♦ quadrat ♦ transect (line)

SQA Suggested learning activity

Carry out transect studies — including use of quadrats — to identify changes in flora across a path or in/out of woodland, down/across a rocky shore, or through sand dunes to their hinterland. Set out and monitor pitfall traps, mammal traps, or camera traps, in various types of habitat.

WSFT Exploring Moorlands

N5 Environmental Science: Living Environment Unit

1 Investigating ecosystems and biodiversity

b) Biodiversity in the context of one aquatic and one terrestrial ecosystem.

SQA Suggested learning activity

- Investigate biodiversity in aquatic and terrestrial ecosystems. Organise field/site visit

c) Quantitative techniques for sampling plants and animals: ♦ quadrat ♦ transect (line)

SQA Suggested learning activity

Carry out transect studies — including use of quadrats — to identify changes in flora across a path or in/out of woodland, down/across a rocky shore, or through sand dunes to their hinterland. Set out and monitor pitfall traps, mammal traps, or camera traps, in various types of habitat.

Websites Used :

https://www.wsft.org.uk/images/pdf/freshwater_tick_list.pdf

https://www.wsft.org.uk/images/pdf/marine_tick_list.pdf

https://www.wsft.org.uk/images/pdf/moorland_tick_list.pdf

https://www.sqa.org.uk/files_ccc/N5CourseSpecEnvScience.pdf (version 3.1 page 5 & 31)