

Outdoor Learning Lesson Plan by Nature Play QLD

Biological Sciences - Science Understanding

- The growth and survival of living things are affected by physical conditions of their environment (ACSSU094)



Class:

Date:

Time:

Weather:

Resources:

- Outdoor area with vegetation growing
- Clipboards (1 per group)
- Pencils
- Loud whistle

Introduction: (10 mins)

Ask the children to form small groups of 2 or 3. In their groups, send the children to collect specimens from living things in the area (leaves that have fallen on ground, flowers, sticks, bark).

Groups return and discuss as a team; what they found? Where they found things? What they noticed?

A member from each group reports back to the class their findings and any observations they can offer.

Main Activity: (30 mins)

Staying in the same team, assign each group a landmark spot in the area with vegetation. As a team, consider the vegetation in the assigned area and complete the scenario sheet.

Once completed, when teacher blows the whistle, one member of the group moves in a clockwise direction to the next landmark. Work as a team to complete the scenario sheet.

Repeat until all groups have visited all assigned landmarks.

Reassemble as a class group and discuss the results gathered.

Discussion: (10 mins)

Are there similarities between groups for each landmark spot? What was the same? What was different? Why might this be the case? What environmental factor has the biggest impact? Does this vary? Why?

Continue discussions in the classroom about the biodiversity and requirements of flora. Check out this short clip about a native Eucalyptus caesia.

<http://education.abc.net.au/home#!/media/2649002/all-about-eucalyptus-caesia>

Start a conversation about plant food and the importance of the soil. View this clip.

<http://education.abc.net.au/home#!/media/2722771/some-plants-don-t-need-much-fertiliser>





School yard flora field study

Name:

Landmark spot	Living things observed	1 st change that would impact the living things here	2 nd change that would impact the living things here