



Living things

Grade Level/s:
1

Subject/s:
Science

Type:
Lesson Plan

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Living things

Students explore the scientific concept: living things have a variety of external features, some of which are adaptations which enable them to be suited to particular habitats. Children design a 3D animal with 2 different adaptations which would make them suited to a particular habitat environment.

Single Lesson Plan

Living things- adaptations

Task:

Students look at a variety of different environments and their features. Make a class display of different habitats and describing words. Resources: pictures of different habitats

Activity:

Students brainstorm different adjectives to describe different habitats.

Resources:

Tell students certain animals live in particular habitats because they are better suited to that environment. After students have sorted the animals, ask them why they think these animals are suited to this habitat?

Students sort animals into their different habitats and say why they think they are

Tell children we are going to look at a desert habitats and the animals that live here. Show children some African animals and ask them about some of their different features of these animals (eg. Colour, giraffes neck etc.) Visit to Adelaide Museum, focussing on adaptations.

Students choose an animal and draw the animal, including labels and captions describing some of their adaptations. Students identify the external features of animals in a desert habitat and describe how they are suited to that type of habitat.

With 6/7 buddies students choose an animal they would like to make in 3D. They use google images to look up the animal. They draw the animal and add labels and captions highlighting 2 external features of the animal that make it suited to a particular environment.

With 6/7 buddies children design their animal on Makers Empire including 2 external features adapting it to a particular environment.

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Curriculum

South Australian TfEL:

4.4 communicate learning in multiple modes

4.1 build on learners' understandings

Australian Curriculum:

Biological sciences

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/44d5d7cc-b88f-479b-b04d-9e4600a2dba8>)

Living things live in different places where their needs are met (ACSSU211)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/526470bf-f121-45c5-8893-9e4600a2dbee>)

Living things have a variety of external features (ACSSU017)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/0ceb7c6c-9424-473d-a80e-9e4600a2dbee>)

Exploring What Happens When Habitats Change And Some Living Things Can No Longer Have Their Needs Met (ELBS698)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/e304b652-f716-4959-8dc4-9e4600a2dbee>)

Recognising That Different Living Things Live In Different Places Such As Land And Water (ELBS697)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/29d2dc51-062e-4422-804d-9e4600a2dbee>)

Exploring Different Habitats In The Local Environment Such As The Beach, Bush And Backyard (ELBS696)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/b3860717-5b5b-436e-a7b3-9e4600a2dbee>)

Describing The Use Of Plant Parts For Particular Purposes Such As Making Food And Obtaining Water (ELBS702)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/5fac0480-b4ac-4b8e-9ac6-9e4600a2dbee>)

Identifying Common Features Of Plants Such As Leaves And Roots (ELBS701)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/dfc36102-a04b-4303-b738-9e4600a2dbee>)

Describing The Use Of Animal Body Parts For Particular Purposes Such As Moving And Feeding (ELBS700)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/4e0af9e6-fed8-4bc7-874d-9e4600a2dbee>)

Recognising Common Features Of Animals Such As Head, Legs And Wings (ELBS699)

link (<http://rdf.australiancurriculum.edu.au/elements/2014/09/12c1344a-11fa-459b-acc8-9e4600a2dbee>)