

Desert Sands Community School

An aerial photograph of Desert Sands Community School. The school is a large, single-story building with a grey roof and white walls, situated in a green field. A large parking lot with several cars is in the foreground. The background features rolling hills and mountains under a clear blue sky.

GROWING INNOVATIONS SYMPOSIUM
MAY. 2020 (VIRTUAL)

What is the project?

ARTIFACT - FG shows the process of Time as well as Critique & Revision

1. Thompson River Field Guide

- a. Field Trips for Research & Experiences
 - i. Local land-based learning allows for natural embedding of Indigenous ways of knowing and being
- b. Professional Writing in Field Guide style
- c. Resilience & Social Responsibility
 - i. Through multiple critique & revision sessions for both writing and drawing
 - ii. Being out on the land (guests)

2. Scale model of the Thompson River

PLANNING PAGE -

https://docs.google.com/document/d/1yptjq5orJNRmJLgyX4Mv0PcxbXHh8_sUlbpvydVrxq8/edit?usp=sharing

ONE COLUMN

RUBRIC;<https://docs.google.com/document/d/18XzFNtkS80hgh93XtQZV7loJqnCrHhw8yQzCDvoyhtA/edit?usp=sharing>



Thompson River Field Guide

43 - JERUSALEM OAK - Kayde...

44 - NARROWLEAF WILLOW - ...

45 - NARROWLEAF WILLOW - ...

46 - OPPOSITE LEAF RUSSIAN ...

47 - OPPOSITE LEAF RUSSIAN ...

48 - PACIFIC ASTER - Kaylee K...

Field Aster

Host & Leaves
The stem is green with a coat of leaves and is smooth and soft. The stem grows in a cluster out of the ground. Leaves are very and have but the woody base that make them feel soft and smooth.

Habitat
They can grow in wetlands or in some wetlands, grasslands, meadows, salt marshes, coastal dunes, fields, coastal roads and in open or disturbed areas because of their strong root system.

Flowers and Fruit

The flowers are white, purple, and can be a bit blue. The head is a size of 20-30 dark flowers that are 10-15 cm long. They grow separately on the stem branches but sometimes grow beside each other. They bloom in the late spring. They produce a small, dry seed that is covered in a hairy and reddish at maturity.

Interesting Facts

These plants are often overwatered and spread very gradually which allows it to have control over propagation.



Flowers and Fruit

Perennial Sowthistle

Scientific Name: *Sonchus oleraceus*
See response: *perennial*

General Description

The stem is a reddish-brown perennial flowering stem that is hollow and smooth. The leaves are green and are up to 10 cm long. The leaves are green and are up to 10 cm long. The leaves are green and are up to 10 cm long.



Flowers and Fruit

Perennial Sowthistle

Host & Leaves
The leaves are very light green, alternate on the stem and are very soft. The leaves are very light green, alternate on the stem and are very soft. The leaves are very light green, alternate on the stem and are very soft.

Flowers and Fruit

The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long.

Interesting Facts

The leaves are very light green, alternate on the stem and are very soft. The leaves are very light green, alternate on the stem and are very soft. The leaves are very light green, alternate on the stem and are very soft.



Flowers and Fruit

Pine Trees

Scientific Name: *Pinus*
See response: *Pinus*

General Description

The pine trees are green and are up to 10 cm long. The pine trees are green and are up to 10 cm long. The pine trees are green and are up to 10 cm long. The pine trees are green and are up to 10 cm long.

Flowers and Fruit

The pine trees are green and are up to 10 cm long. The pine trees are green and are up to 10 cm long. The pine trees are green and are up to 10 cm long. The pine trees are green and are up to 10 cm long.



Flowers and Fruit

Western White Pine

Host & Leaves
The white pine is a large tree that can grow up to 60 meters high. They grow in a cluster and they have a variety of habitats. The stem is brown and is covered in a coat of bark that is smooth and soft. The stem is brown and is covered in a coat of bark that is smooth and soft.

Flowers and Fruit

The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long.

Interesting Facts

The white pine is a large tree that can grow up to 60 meters high. They grow in a cluster and they have a variety of habitats. The stem is brown and is covered in a coat of bark that is smooth and soft. The stem is brown and is covered in a coat of bark that is smooth and soft.



Flowers and Fruit

Lodgepole Pine

Host & Leaves
The lodgepole pine is a small tree that can grow up to 30 meters high. They grow in a cluster and they have a variety of habitats. The stem is brown and is covered in a coat of bark that is smooth and soft. The stem is brown and is covered in a coat of bark that is smooth and soft.

Flowers and Fruit

The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long. The flowers are yellow and are up to 10 cm long.

Interesting Facts

The lodgepole pine is a small tree that can grow up to 30 meters high. They grow in a cluster and they have a variety of habitats. The stem is brown and is covered in a coat of bark that is smooth and soft. The stem is brown and is covered in a coat of bark that is smooth and soft.



Flowers and Fruit

49 - PACIFIC ASTER - Kaylee K...

50 - PERENNIAL SOWTHISTLE ...

51 - PERENNIAL SOWTHISTLE ...

52 - PINE - Yarrow & Naveah

53 - PINE - Yarrow & Naveah

54 - PACIFIC ASTER - Kaylee K...



31%

Help ?

What have I learned?

Brent has learned:

- ★ TIME: for critique and revision, and development of great work, reflection on field trips and other experiential learning
- ★ ASSESSMENT: ongoing (almost constant) - anecdotal, including verbal
- ★ EXHIBITION - authentic audience as an incentive for beautiful work
- ★ CRITIQUE and REVISION:
 - combination of student/teacher, public/private, general/specific



What have I learned?

Stacey has learned:

- ★ Structures put in place need to be broken down.
 - Physical classroom structures
 - Ways of learning & being
(curriculum is fluid & flexible - not a check box)
- ★ Building community partners is imperative for local knowledge base and land-use.
- ★ TIME for critique & revision & skill building leads to Authentic Beautiful Work (Ron Berger)
 - Chunking - Graphic Organizers
 - Critique & Revision
 - Build a culture of trust



Where do we go from here?

Addition of:

- Grade 9 (vs 9/10 cohort of the last few years)
- Addition of a third team member
- More long-term community learning partners

Continuation of:

- Anecdotal assessment
- Critique and revision
- Exhibition
- Inclusion of other expert teachers - science, Indigenous support workers, shop

AND - changing school admin.





DSCS Middle School
7/8 Cohort 2019 - 2020