MY PLANT JOURNAL

Who does this journal belong to?

Write your name below. The prompt says "my name is."

moon noon si ______________________________

Heritage Michif

tân'si nisihkâson ______________________________

Northern Michif

boon zhour monnom ay ______________________________

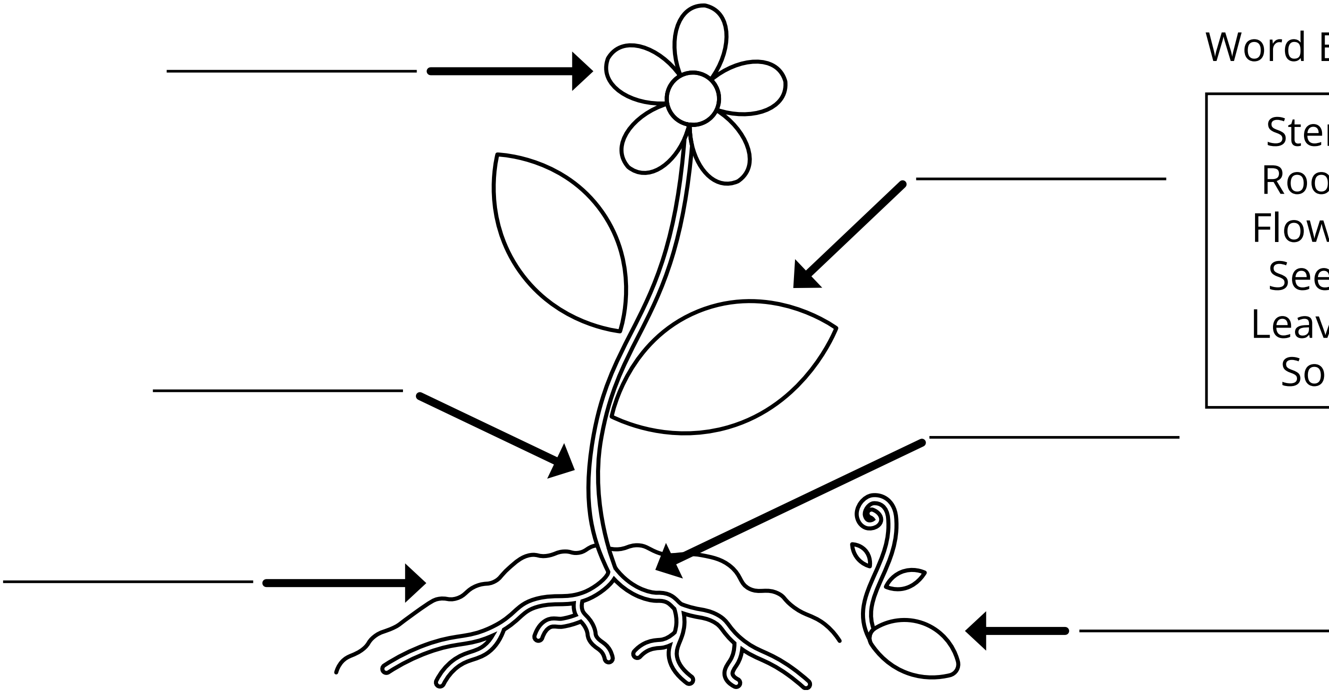
Michif French

The strength of a plant

In Métis culture, we learn from the land. Plants give us food, medicine, and beauty. They carry joy within them and deserve our care. When we grow something, we strengthen our connection to all living things. Métis people have always learned from the land, planting, harvesting, and observing plants helped families survive, celebrate, and stay connected. When you grow your plants, you are carrying these same teachings forward.

Labelling the parts of a plant

Label each part of the plant using the word bank. Then, colour it in!



Word Bank:

Stem
Roots
Flower
Seed
Leaves
Soil

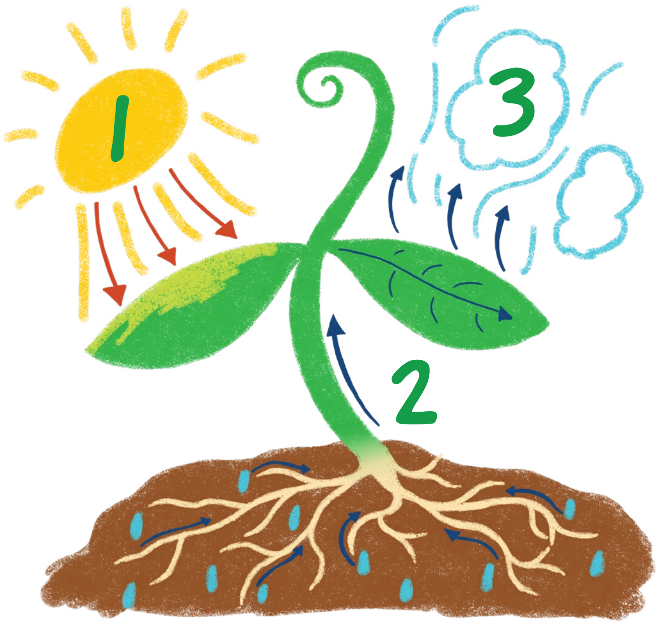
How do plants eat?

Plants eat using **photosynthesis**.
Follow the diagram to learn about it!

1. Plant leaves absorb sunlight

2. The roots take in water and send it up the stem to the leaves

3. Air and gases are exchanged in and out of the leaves.



Photosynthesis:

How plants make their own food using sunlight, water, and air.

Using these three things, the plant makes its own food (energy) so it can grow.

What seed did you plant?

What do you predict your plant doing in.....

1 week

2 weeks

1 month

2 months

6 months

1 year

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Research

Using knowledge from your friends and family, books, or the internet, research your plant so that you know how to best care for it!

How often should your plant be watered?

Notes:

____

____

How much water does your plant need at a time?

____

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How much sunlight does your plant need?

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____

How long will it take for your plant to be fully grown?

____

____

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Draw the palnt

Height (cm):

Number of leaves:

Soil moisture (circle one)

Dry Moderate Moist

Plant colouring:

Other notes:

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The Three Sisters

The Three Sisters are corn, beans, and squash. Métis families planted them together because each plant helps the others grow. The corn stands tall, the beans climb the corn for support, and the squash spreads across the ground to protect the soil. They are called “sisters” because they work together and support one another, just like a family in the garden.

Let's learn how to say the names of the three sisters in each Michif Langauge:

Heritage Michif

Corn: lii bladenn
lee blaw-den

Beans: lii biins
lee-beens

Squash: si knoom enn sitrooy
si-kohm en si-troy

Northern Michif

Corn: kâķwayô
kaw-gwhy-you

Beans: piwîķitôminak
pi-way-gi-too-mi-nuk

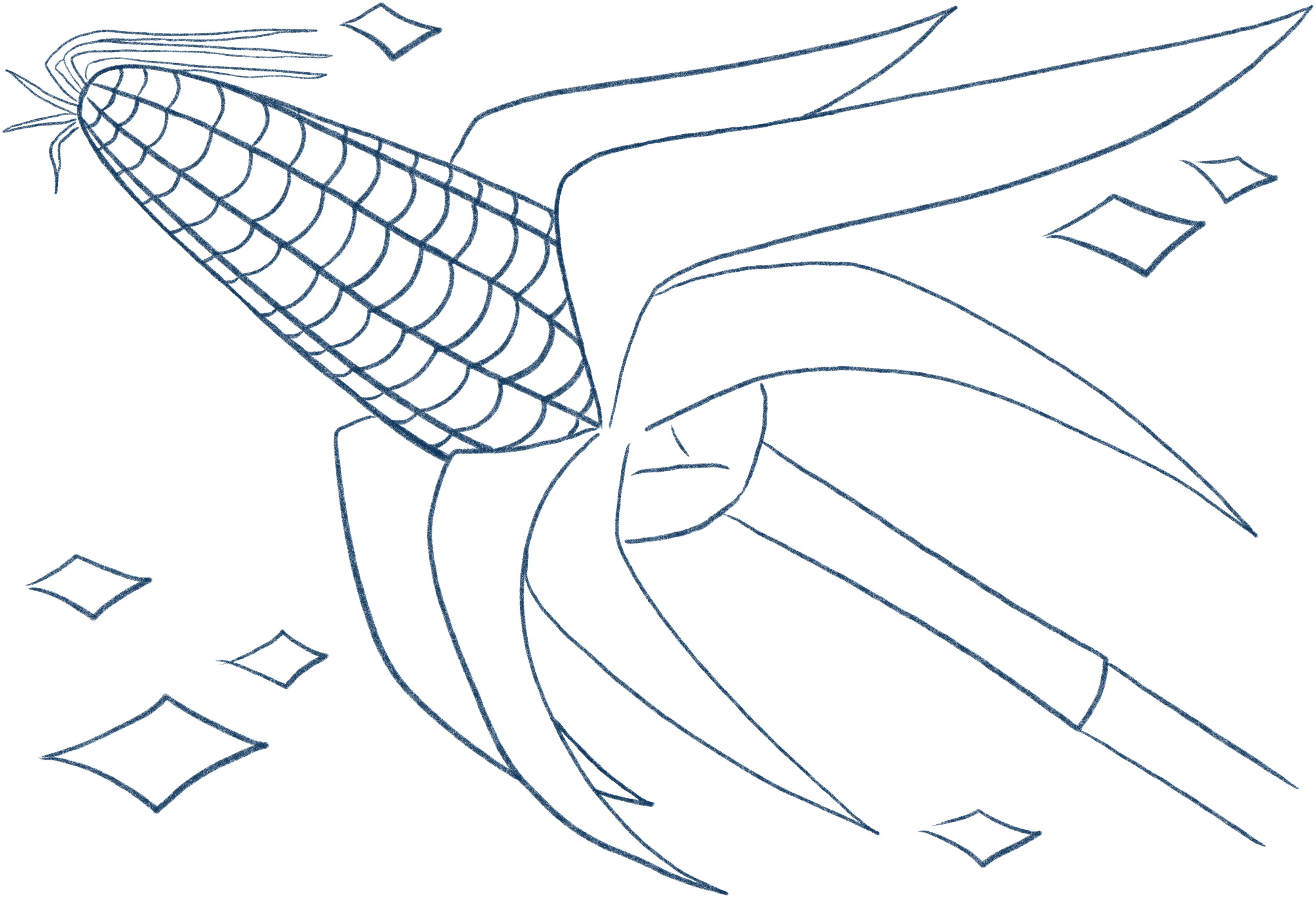
Squash: yîkicîpak
yee-gi-cee-puk

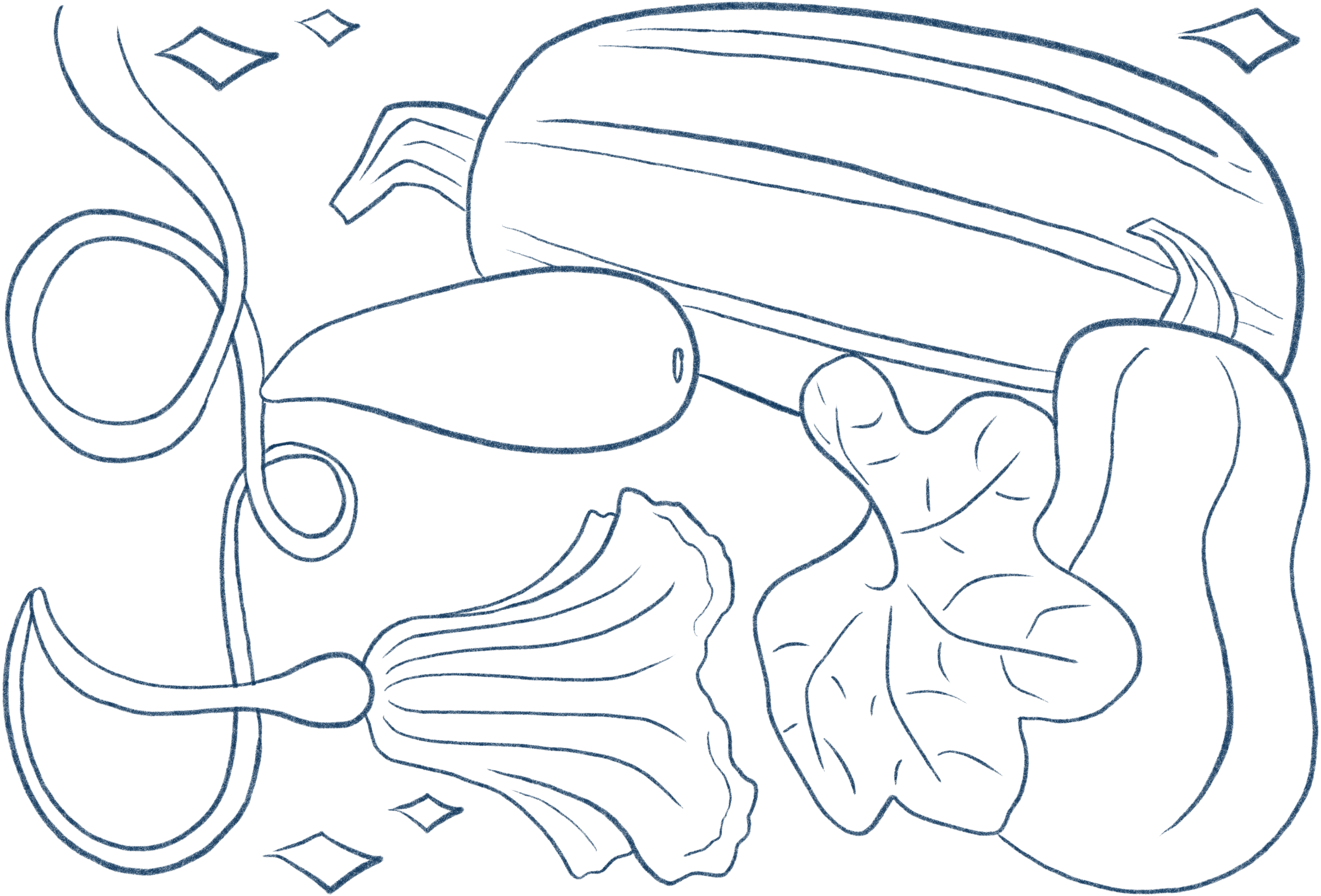
Michif French

Corn: lii bladenn
lee blad-enn

Beans: lii fayv
lee-fav

Squash: Traditionally no word for squash





Experiment #1

Question: Does more light make a plant grow faster?

Steps:

- Place your plant in an area with medium light
- Wait 1 week and record observations
- Repeat with low light, then a 3rd week in an area with lots of light.
- Use your observations to decide if more light makes a plant grow faster

Predictions:
Write your predictions before you start the experiement

Notes:
Write your notes during the experiment

Conclusions:
Write the results of your experiment

Experiment #2

Question: Do leaves release water into the air?

Steps:

- Gently place a plastic bag over one leaf and seal the bag with a rubber band.
- Wait one full day and look in the bag. Is there water in the bag? Does the leaf look different than an uncovered leaf?

Materials:

- Clear plastic bag
- Rubber band

If leaves do release water then the inside of the bag will be wet. If they don't, nothing will happen!

Predictions:
Write your predictions before you start the experiement

Notes:
Write your notes during the experiment

Conclusions:
Write the results of your experiment

Experiment #3: Make your own!

Question:

Materials:

Steps:

Predictions:
Write your predictions before you start the experiment

Notes:
Write your notes during the experiment

Conclusions:
Write the results of your experiment