

Brandon Valley School District
District Learning Plan
March 30 - April 3, 2020

Grade 2 Social Studies/Science



Brandon Valley School District Distance Learning Plan

LESSON/UNIT: Plants/History

SUBJECT/GRADE: Social Studies-Science/2nd

DATES: March 30 - April 3



What do students need to do? Link to BV instructional video for week of March 30 - April 3, 2020	Monday 3/30 - Read article about Plants and Seeds Tuesday 3/31 - Take quiz over article. You may refer back to the article to answer questions. Wednesday 4/1 - Read Gorilla article Thursday 4/2 - Take quiz over article Friday 4/3 - No homework
What do students need to turn in?	<ul style="list-style-type: none"> ● Plants and Seeds quiz ● Gorilla quiz
What standards do the lessons cover?	2.G.6.1 Describe positive and negative consequences of changing our community 2.G.6.2 Suggest ways to interact with our environment.
What materials do students need? What extra resources can students use?	Pencil, paper, the two articles, and the quizzes
What can students do if they finish early?	<ul style="list-style-type: none"> ● Share what you learned with someone in your house. ● Share with someone in your house "What can you do to improve your environment (your home)"
Who can we contact if we have questions?	<p>Brandon Elementary Building Principal: Mr. Horst- Merle.Horst@k12.sd.us Teachers: Ms. Johnson- Alyssa.Johnson@k12.sd.us Ms. Kueter- Kim.Kueter@k12.sd.us Ms. Pearson- Cassie.Pearson@k12.sd.us Ms. Shutes- Cassandra.Shutes@k12.sd.us Ms. Westhoff- Kendra.Westhoff@k12.sd.us</p> <p>Robert Bennis Elementary Building Principal: Ms. Hofkamp- Kristin.Hofkamp@k12.sd.us Teachers: Ms. Adams- Laurie.Adams@k12.sd.us Ms. DeBoer- Stacy.Deboer@k12.sd.us Ms. Hatlestad- Andrea.Hatlestad@k12.sd.us</p>

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Notes:

Instructional materials are posted below (if applicable)

Brandon Valley School District

Plant Life: What is a seed?

By Encyclopaedia Britannica, adapted by Newsela staff on 03.31.17

Word Count **477**

Level **420L**



A growing seedling. Photo from: Wikimedia Commons.

Plants make new plants from seeds. Inside the plant's seed is a baby plant. The seed needs to be warm and wet to grow a baby plant. It grows in the ground. It breaks out of the seed. Then it pushes up through the dirt into the sunshine.

A new plant needs lots of water and sunlight. It needs healthy soil, too. When seeds and baby plants get what they need to grow, they can make new seeds.

Some Seeds Travel For Miles!

When seeds are ready to grow, they must leave the parent plant. This is important. If seeds didn't leave, they would just drop to the ground. All of the seeds would land in the same place. Then none could grow. It would be too crowded.

That is why every seed has a way of traveling. Some travel just inches away from the parent plant. Others go much farther. Some seeds travel for miles!

Parachutes, Propellers And Kites

Have you ever blown on a dandelion? The seeds fly off. They float away on a breeze. These seeds have fluffy parachutes attached. The parachutes help the seeds drift to a new place.

Some seeds are closed in dry shells. The shells have wings attached. They look like little airplane propellers. The seeds twist and turn in the air. This helps them fly from the parent plant.

The seeds of grains and grasses are similar. They have long, stiff tails. These tails act like kites. They carry the seeds through the wind.



Not all seeds fly through the air. Some roll across the land. These plants break loose from the dirt in the fall. They roll along with the wind. This scatters their seeds across the fields. These plants are called tumbleweeds.

Exploding Plants!

Other plants move their seeds by exploding! The seed pod pops open. The seeds inside burst out. They fly all over the place.

Animals help move seeds around, too. Many seeds have tiny hooks or bristles. These get stuck in animal fur. The animal carries the seed around for a while. Then the seed drops off. It lands somewhere new.

Hidden Inside Fruits

Some seeds are hidden inside fruits. These fruits are a delicious treat. Hungry animals gobble them up. Then the seeds pass through their bodies. This helps scatter the seeds all around.



Seeds are important for plant life. They are important for people, too. People have many uses for seeds. We eat many kinds of seeds. Rice, wheat and corn are examples. People also use some seeds for spices. We use others to make oil.

Quiz

- 1 What would happen to a baby plant if sunlight is not available?
 - (A) the baby plant will not grow into a plant
 - (B) the baby plant will not grow into a seed
 - (C) the baby plant would drop down to the ground
 - (D) the baby plant would make new seeds

- 2 What is "Some Seeds Travel For Miles!" mostly about?
 - (A) why seeds need to travel
 - (B) how far dandelions travel
 - (C) why plants don't grow
 - (D) how plants travel

- 3 Which of the following does a seed need to make a baby plant?
 - (A) sunlight and air
 - (B) warmth and wetness
 - (C) soil and wind
 - (D) water and dirt

- 4 What is the article mostly about?
 - (A) why some seeds are inside fruit
 - (B) how animals help seeds move
 - (C) the kinds of shells seeds have
 - (D) different seeds and how they move

- 5 How do animals help seeds travel?
 - (A) by eating the plants while they are in the ground
 - (B) by the seeds getting stuck on the animal's fur
 - (C) by blowing the seeds off of the flowers
 - (D) by destroying and opening the seed pods

- 6 Read "Parachutes, Propellers And Kites." How are dandelion seeds different from tumbleweed seeds?
 - (A) Dandelion seeds have shells, while tumbleweed seeds are inside fruits.
 - (B) Dandelion seeds have long tails, while tumbleweed seeds have short tails.
 - (C) Dandelion seeds move through the air, while tumbleweed seeds move on the ground.
 - (D) Dandelion seeds scatter across fields, while tumbleweed seeds twist in the air.

- 7 What kind of seeds would an animal want to eat?
 - (A) seeds that can be used to make oil and spices
 - (B) seeds that roll across the land and not the air
 - (C) seeds that have tiny hooks or bristles
 - (D) seeds that are found in fruit that taste good

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What happens after seeds leave the parent plant?

- (A) They travel to a new place to grow.
- (B) They push up through the ground.
- (C) They float away on parachutes.
- (D) They are put into dry shells.

11-year-old uses cookie and T-shirt fundraisers to help protect gorillas

By Washington Post, adapted by Newsela staff on 10.02.19

Word Count **429**

Level **430L**



Image 1. Addy Barrett of Germantown, Maryland, watches a gorilla with her mom after a visit with Meredith Bastian, curator of primates at the National Zoo in Washington, D.C. Addy, who's 11, recently won the Gloria Barron Prize for her efforts to raise awareness of threats to gorillas. Photo by: Bill O'Leary/The Washington Post

Addy Barrett raises money to help gorillas. She is 11 years old. Addy visits the National Zoo in Washington, D.C.

Meredith Bastian visited the zoo when she was a girl. That was a long time ago. Now she takes care of gorillas at the zoo. She and Addy talked about gorillas. They sat near the zoo's Great Ape House.

An ape in the wild can be like an ape in the zoo, Ms. Bastian said. Every animal is different. Some animals can be friendly. Others can be mean.

Helping Wildlife

Addy likes to go to the zoo. She enjoys watching the gorillas. She read a book about gorillas. That made her like them.

Gorillas are smart. That is what she loves about them, Addy said.

Addy learned about gorillas being hunted. Hunters were breaking the law. They were killing gorillas for bad reasons, she said. "I needed to do something," she said.

She goes to school in Maryland. She is working to help gorillas. Addy sells T-shirts and cookies to raise money. Each year, she holds a Gorilla Gala. There are games and crafts. Addy won a prize for young heroes. She raised money for groups that help wildlife.

Gorillas Are Being Hurt

Addy asked Ms. Bastian about problems for gorillas. She said that gorillas have a few different problems. Sometimes people take over land where gorillas live. People hunt them, too.

The animals have trouble with climate change, too.

The Earth is heating up. This is called climate change. This type of climate change is called global warming. People burn fossil fuels. These are things like gas and coal. They are what we use to heat our homes. They also power our cars. Fossil fuels create greenhouse gases, like carbon dioxide. Those gases trap heat in the air. This causes the climate to become warmer. Climate change can make it hard for animals to find food.

Another problem is mining. Mines get things from under the ground. Coltan is used to make cellphones. People dig it up in Central Africa. This can hurt places where gorillas live.

Too Many Gorillas Are Dying

Addy wants people to talk about the danger for gorillas. There are not as many of them as there used to be. They might die out. She started the Gorilla Heroes project in 2018. She has held events to help the animals.



Quiz

1 What is the article MAINLY about?

- (A) a girl who is helping gorillas
- (B) gorillas living in a zoo
- (C) people who hunt gorillas
- (D) a book about gorillas

2 Read the following paragraph from the section "Gorillas Are Being Hurt."

Addy asked Ms. Bastian about problems for gorillas. She said that gorillas have a few different problems. Sometimes people take over land where gorillas live. People hunt them, too.

What is the focus of this paragraph?

- (A) Addy
- (B) Ms. Bastian
- (C) problems for gorillas
- (D) the land where gorillas live

3 Read the paragraph from the section "Too Many Gorillas Are Dying."

Addy wants people to talk about the danger for gorillas. There are not as many of them as there used to be. They might die out. She started the Gorilla Heroes project in 2018. She has held events to help the animals.

What information can the reader get by reading this paragraph?

- (A) Gorillas are smart.
- (B) Climate change can hurt gorillas.
- (C) Gorillas might die out.
- (D) Addy read a book about gorillas.

4 What can a reader learn from the caption of Image 1?

- (A) Addy goes to the zoo with her mom.
- (B) Hunters kills gorillas.
- (C) The Gorilla Gala has games.
- (D) Addy sells cookies to raise money for gorillas.