

Brandon Valley School District
District Learning Plan
April 27-May 1, 2020

Grade 4 Social Studies/Science



Brandon Valley School District Distance Learning Plan

LESSON/UNIT: Life Science/SD History

SUBJECT/GRADE: SS/Science/4th

DATES: April 27 - May 1

What do students need to do? Link to BV instructional video for week of April 27 - May 1, 2020	Monday: (4/27) - Read the article Rainforest Ecosystems and answer the questions Tuesday: (4/28) - Complete the Men of the Mountain activity Wednesday: (4/29) - Complete Parts of a Plant activity Thursday: (4/30) - Complete How Our Land is Used Friday: (5/1) - No assignment
What do students need to bring back to school?	1. Part of a Plant activity 2. How Our Land is Used activity
What standards do the lessons cover?	4-LS1-1 Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction. 4.H.1 Students will analyze how major events are chronologically connected and evaluate their impact on one another 4.H.2 Students will analyze and evaluate the impact of people, events, ideas and symbols upon history using multiple sources. 4.H.3 Students will analyze and evaluate historical events from multiple perspectives.
What materials do students need? What extra resources can students use?	<p>Need: article Rainforest Ecosystems, Men of the Mountain activity, Rapid City article (read previously), Parts of a Plant activity, How Our Land is Used activity</p> <p>Extra: Parts of a plant : https://www.youtube.com/watch?v=MP5jnuvMqxQ https://www.generationgenius.com/videolessons/plant-parts-video-for-kids/ Mount Rushmore: https://www.youtube.com/watch?v=fAplefqUvSo SD Agriculture: https://www.youtube.com/watch?v=EFIkO6iM3Zc</p>
What can students do if they finish early?	Do a plant experiment: https://www.plt.org/educator-tips/easy-plant-science-experiments-for-the-classroom/ https://www.pre-kpages.com/science-kids-growing-plants-experiment/ Virtual Field trips-so many options online https://www.areavibes.com/library/online-field-trips-for-students/ https://www.tripsavvy.com/virtual-field-trips-for-kids-3129414 https://www.discoveryeducation.com/community/virtual-field-trips/ https://www.weareteachers.com/best-virtual-field-trips/

<p>Who can we contact if we have questions?</p>	<p>Brandon Elementary Building Principal: Mr. Horst- merle.horst@k12.sd.us Teachers: Mr. Giles- Scott.Giles@k12.sd.us Mr. Krivarchka- Joe.Krivarchka@k12.sd.us Ms. Lane- Katee.Lane@k12.sd.us Mr. Rogers- Marshall.Rogers@k12.sd.us Mr. Schultz- Benjamin.Schultz@k12.sd.us Fred Assam Elementary Building Principal: Ms. Foster- susan.foster@k12.sd.us Teachers: Ms. Harte- Sarah.Harte@k12.sd.us Ms. Scholten- Tara.Scholten@k12.sd.us Mr. Steemken- Evan.Steemken@k12.sd.us Ms. Sunne- Noel.Sunne@k12.sd.us Robert Bennis Elementary Building Principal: Ms. Hofkamp- Kristin.Hofkamp@k12.sd.us Teachers: Mr. Linneweber- Cody.Linneweber@k12.sd.us Ms. Pudwill- Andrea.Pudwill@k12.sd.us Ms. Storm- Jena.Storm@k12.sd.us Mr. Sylliaasen- Tim.Sylliaasen@k12.sd.us Valley Springs Elementary Building Principal: Ms. Palmer- tanya.palmer@k12.sd.us Teacher: Ms. Abens- lindsey.abens@k12.sd.us long-term sub for laura.lueders@k12.sd.us</p>
<p>Notes:</p>	

Instructional materials are posted below (if applicable)

Brandon Valley School District

Rainforest Ecosystems

Cross-Curricular Focus: Life Sciences



Rainforest ecosystems are found near the equator, the center imaginary line of latitude that runs east and west around Earth. Tropical rainforests have more rain than other areas. The weather is warm and humid all year long. There is lots of sunlight.

Living things are **abundant** in the rainforests. There are thousands of species of animals and even more kinds of plants. Their needs for sun, water and warmth are all met by the conditions of the rainforest. The excellent conditions allow them to **thrive**. There is an amazing amount and variety of plants in that one location. This variety makes the rainforests a major source of Earth's overall oxygen supply.

Tropical rainforests have layers of life. The uppermost layer is called the **canopy**. Very mature, tall trees stretch out their branches and leaves, nearly blocking out the sun in some places. Many animals live high in this green, leafy habitat. You can find monkeys, tree frogs and many different species of birds.

Below the treetops is a second layer, called the understory. The understory is shaded by the canopy. Not as much sunlight reaches the plants in the understory. Bushes and growing trees make up the understory. It is home to birds, reptiles and small climbing animals.

The third layer, the forest floor, is busy with life. Vines, shrubs, mosses, ferns, flowers and large predator animals, such as jaguars, can be found there. Small animals burrow into the ground and live in bushes. Leaf-cutter ants and other insects busily hunt for food and water.

Rainforests contain some of Earth's greatest biological treasures. Many medicines are made from plants found there. Scientists have used them to make some promising drugs for treating cancer and AIDS. Food sources are very rich, too. There are over 3,000 fruits alone. Rainforests also grow the vegetables and grains that make up most of the world's daily diet. You can find corn, potatoes, rice and squash there. Spices like ginger, cinnamon, and chocolate grow alongside coffee and a variety of nuts. The rainforests produce all this in addition to providing oxygen for Earth. The rainforests are very valuable to the planet.

Name: _____

Answer the following questions based on the reading passage. Don't forget to go back to the passage whenever necessary to find or confirm your answers.

1) What is the canopy of the rainforest?

2) Why might a scientist be interested in the rainforests?

3) Do you think you could survive alone in a rainforest? Why, or why not?

4) Describe the conditions that make a rainforest a good place for many living things.

5) Rainforests are found near what imaginary line?

Men on the Mountain



Learning About the Mount Rushmore Presidents

Complete the “Men on the Mountain Match” to learn fun and interesting facts about the presidents carved on Mount Rushmore in South Dakota. Write the name of each president under their picture. Complete each sentence by writing the president’s last name on the blank line. You may wish to research the answers using Internet resources.

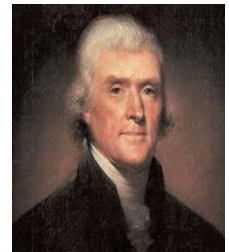
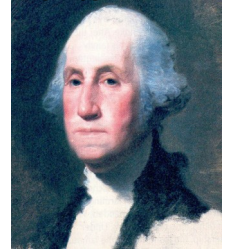
1. Lincoln Log toys are named after _____ and the log cabin where he was born.
2. Teddy Bears were named for _____ because he refused to shoot a small bear cub while on a hunt.
3. _____’s face is shown on the one dollar bill.
4. _____’s face is shown on the five dollar bill.
5. _____’s face is shown on the two dollar bill.
6. _____ was the youngest president to take office. He became president when McKinley was assassinated.
7. _____ was shot while giving a campaign speech. He continued to deliver the speech after he had been shot.
8. _____ was the author of the Declaration of Independence.
9. _____ was the first president of the United States.
10. _____ was the tallest president at 6 foot 4 inches.
11. _____’s home was called Mount Vernon.
12. _____ was the 16th president and was known for abolishing slavery.
13. _____ was the only president to be elected four times. He created the New Deal program which expanded the powers of the federal government.
14. _____ was responsible for the Louisiana Purchase and sent the Lewis and Clark Expedition to explore this new area.
15. _____ was called the “Father of His Country.”
16. During his presidency, _____ doubled the size of the United States

Word Bank:

Thomas Jefferson Abraham Lincoln George Washington Theodore Roosevelt

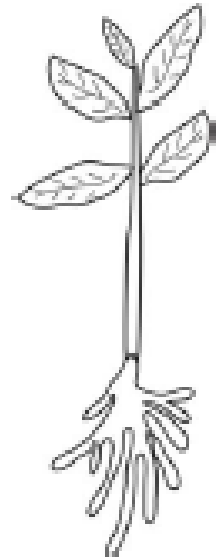
Name: _____

Your Resource: RandomHistory.com; Britannica.com



Name: _____

Match the Words to the Definitions



Flower

1. A part of the plant that can make a new plant.

Seed

2. A very young plant.

Pollen

3. Holds up the plant.

Seedling

4. Bottom of a plant that takes water from the soil.

Life cycle

5. Lives, grows, dies.

Pollination

6. Pollinators move pollen.

Germination

7. Part of the plant that makes the seeds or the fruit.

Roots

8. Sprouting from a seed.

Stem

9. A powder in the plant that helps make seeds.

Leaves

10. Uses light to make food for the plant.

How Our Land is Used Scavenger Hunt

Name: _____

Use the How Our Land is Used South Dakota Map on the next page as your guide in completing this scavenger hunt.

1. List two counties that raise sunflowers.

1. _____
—

2. _____
—

2. List two counties that raise chickens.

1. _____
—

2. _____
—

3. List two counties that raise sheep.

1. _____

2. _____

4. How many counties raise dairy cattle? _____

5. How many counties raise hay? _____

6. How many counties raise hogs? _____

7. What is South Dakota's most prevalent commodity?

8. What is the name of the county where you live?

9. What commodities are grown or raised where you live?

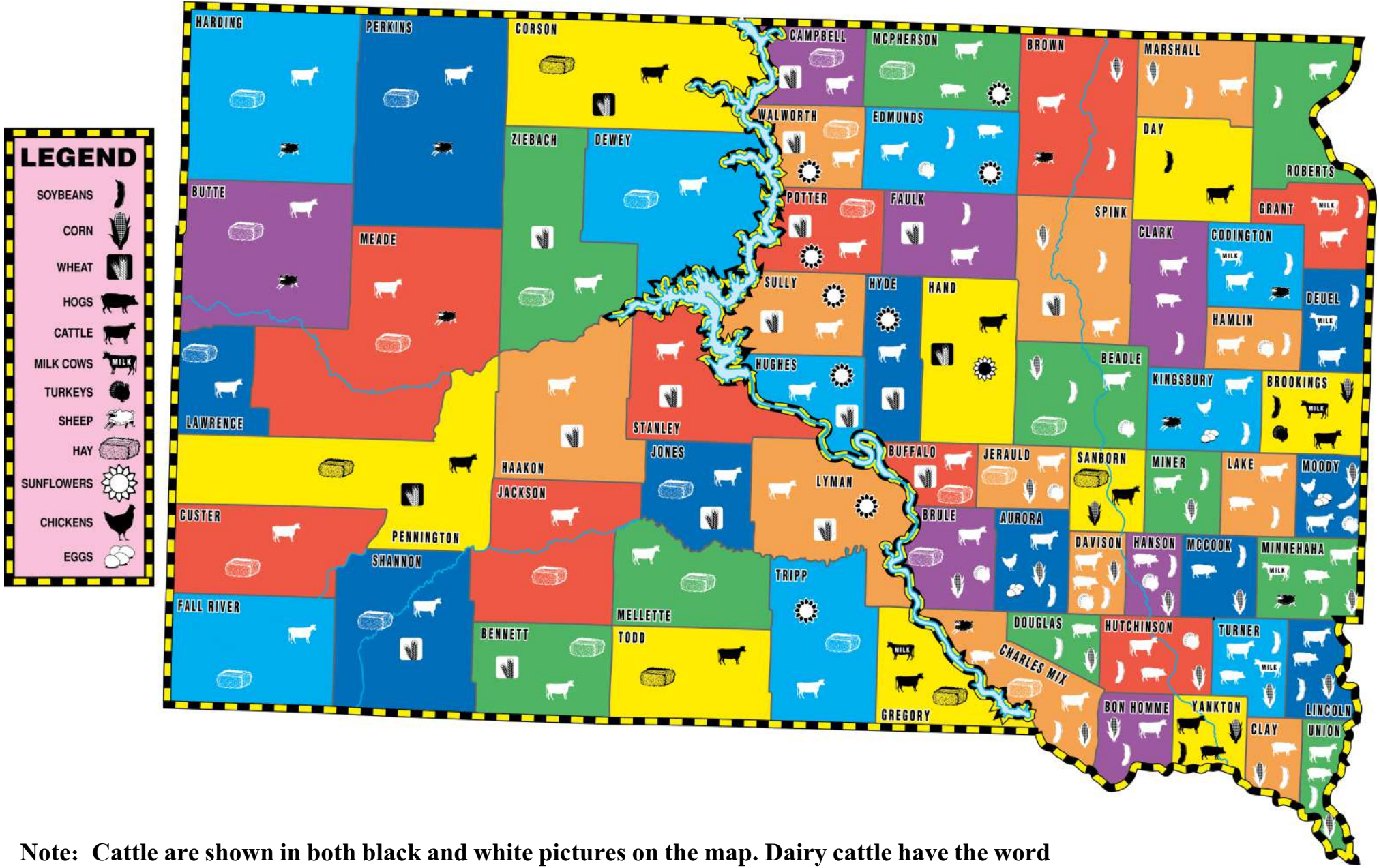
10. What county covers the most land area?

11. What commodities are grown or raised in this county? _____

A commodity is an agricultural product that can be bought and sold.



How Our Land is Used South Dakota Map



Note: Cattle are shown in both black and white pictures on the map. Dairy cattle have the word *milk* written on the picture of the animal.

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