

SESSION : 7

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 8

CHAPTER NAME : GRASSLANDS OF THE TEMPERATE ZONE

SUBTOPIC : CLASS TEST, MAP SKILL-Pg 13

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES:

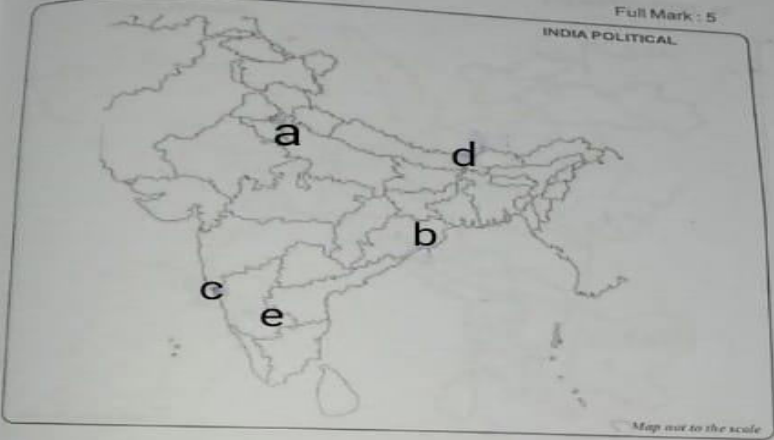
Enable the learner to:

- ❖ **Reflect on what they have written.**
- ❖ **Learn about the craft of writing.**
- ❖ **Reflect on whether their message matches their writing goal.**

13. TEST PAPER (II) ODM MAP SKILL

Full Mark : 5

INDIA POLITICAL



Map not to the scale

Marks Secured :

1. Indicate the following features in the Map-

- a) The Capital of India.
- b) The Capital of Odisha.
- c) The state Goa.
- d) The state Sikkim.
- e) The Garden city of India.

13

A. Choose the correct answer.

1. The temperate grasslands experience_____rainfall.
a. Extreme b. No c. scanty d. moderate
2. Grasslands cover more than_____of the Earth's land surface.
a. $\frac{1}{5}$ b. $\frac{2}{5}$ c. $\frac{1}{2}$ d. $\frac{3}{5}$
3. Very few trees are found in the prairies because
a. Of the soil b. They were cut to make farmlands
c. of the unsuitable climate d. Ranches were built

Answers:- 1. d 2. a 3. c

B. Fill in the blanks.

1. The grasslands of North America are called _____.
2. The cattle are kept in large farms called _____.
3. Food grain is stored in _____.

Answers

1. prairies
2. ranches
3. silos

C. Answer the following questions in two or three lines.

- 1. Why is the prairies called the “Wheat Basket of the World”?**
- 2. What is the difference between hunting for food and hunting for pleasure?
Should both form of hunting be banned?**

Answers

1. The soil and climate of Prairies are the most suitable for the cultivation of wheat and maize. So the production of wheat is so large that USA exports surplus wheat to other countries. Therefore, the Prairies of North America are called “Wheat basket of the world”.

Answer

**2. What is the difference between hunting for food and hunting for pleasure?
Should both form of hunting be banned?**

Ans. Hunting for food means chasing and killing of animals by people or other animals, for food or survival. But hunting for pleasure means killing animals just for pride. Yes, it should be banned as it creates an imbalance in environment.

HOMEWORK

Activity

Who is a cowboy? Write four lines on him in the project record with one picture of a cowboy.

LEARNING OUTCOME:

By the end of the class, learners will:

- ❖ Know what they have written.
- ❖ Learn about the craft of writing.
- ❖ Reflect on whether their message matches their writing goal.

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 5

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 8

CHAPTER NAME : GRASSLANDS OF THE TEMPERATE ZONE

**SUBTOPIC : LONG QUESTION AND ANSWERS - ANSWER THE FOLLOWING
QUESTIONS**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES:

Enable the learner to know about:

- **How much they have gained the knowledge about the topic.**
- **All the details about temperate grassland of the world.**

RECAPITULATION:

- **Vegetation of Prairies.**
- **Agriculture of Prairies.**
- **Cattle Rearing in Prairies.**

A. Answer the following questions.

1. Where are most grasslands of the world situated?

Ans. Most of the grasslands of the world are situated in the Temperate Zone.

They lie between -

- Latitudes $23\frac{1}{2}^{\circ}\text{N}$ & $66\frac{1}{2}^{\circ}\text{N}$ in Northern Hemisphere.
- Latitudes $23\frac{1}{2}^{\circ}\text{S}$ & $66\frac{1}{2}^{\circ}\text{S}$ in Southern Hemisphere

2. What are the prairies?

Ans. The prairies are a vast stretch of flat land covered by miles and miles of grass. The grass is green in summer and turns brown in autumn. The soil is very fertile because of large quantities of humus present in the soil.

3. Describe the climate of the prairies.

Ans. Climate of Prairies

- **Prairies are in the middle of the continent of North America.
As a result, the climate is continental, i.e**
- **Summer are warm with temperature 20°C.**
- **Winters are cold with temperature -20°C.**
- **Moderate rainfall occurs, mostly in summer.**

4. There were millions of bison a few hundred years ago in the prairies. But we cannot see any now. Why?

Ans. There were millions of bison a few hundred years ago in the prairies. But we cannot see any now. It is so because -

- **Most of the land has been cleared for agriculture.**
- **Bisons were hunted for slaughter purpose.**
- **Introduction of bovine diseases from domestic cattle was also a reason for making bison an extinct animal.**
- **Wild bison today, are largely restricted to a few national parks and reserves.**

5. Why are the prairies so attractive for farming?

Ans. Prairies are so attractive for farming because -

- **The soil is very fertile.**
- **Water is available in plenty from the Mississippi and Missouri and their tributaries.**
- **The climate is suitable for cultivation of wheat for which USA produces so much wheat that it is called the “Wheat basket of the world”.**

6. What is the main occupation of the people in the western part of the prairies?

Ans. The main occupation of the people in the western part of the prairies is cattle rearing for beef and dairy products. It is so because -

- **Towards the west, the prairies are hilly and soil is not so fertile.**
- **These areas are mainly used to rear cattle in large farms called ranches.**
- **The cattle are sent to slaughter houses in the cities for production of beef.**

7. What is a ranch? What are the main products of a ranch in the prairies?

Ans. Ranch is a large farm where cows, horses or sheep are kept. The main products of a ranch in the prairies are -

- Beef of cattle.
- Dairy products.

8. The prairies have a small population. Why?

Ans. The prairies have a small population because the farms are huge, and machines do most of the work, therefore the population in the region is thin.

<https://forms.gle/iqQYm79KFu9VLLoN9>

HOMEWORK

No Homework

LEARNING OUTCOME:

By the end of the class, learners will be able to know:

- **The type of agriculture found in temperate grasslands.**
- **The purpose of cattle rearing in Prairies.**

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 4

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 8

CHAPTER NAME : GRASSLANDS OF THE TEMPERATE ZONE

**SUBTOPIC : SHORT QUESTION AND ANSWER - FILL IN THE BLANKS,
MATCH THE COLUMNS, MCQ**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES:

Enable the learner to know about:

- **How much they have gained the knowledge about the topic.**
- **All the details about temperate grassland of the world.**

RECAPITULATION:

- **Vegetation of Prairies.**
- **Agriculture of Prairies.**
- **Cattle Rearing in Prairies.**

SHORT QUESTION AND ANSWERS.

A. Fill in the blanks.

- 1. Most grasslands lie in the temperate Zone.**
- 2. Prairies have hot summers and cold winters.**
- 3. The Mississippi and Missouri rivers flow through the prairies.**
- 4. The main crop grown in the prairies is wheat.**
- 5. Large farms in the western part of the prairies, used to rear cattle, are known as ranches.**

B. Match the columns.

1. Steppes

2. Veld

3. Downs

4. Prairies

5. Pampas

6. Savannas

a. North America **4**

b. South America **5**

c. Russia **1**

d. Australia **3**

e. Central Africa **6**

f. South Africa **2**

Multiple choice questions.

1. Most of the grasslands of the world lie

- a. Between latitude $23\frac{1}{2}^{\circ}\text{N}$ and $23\frac{1}{2}^{\circ}\text{S}$
- b. North of latitude $66\frac{1}{2}^{\circ}\text{N}$ and south of latitude $66\frac{1}{2}^{\circ}\text{S}$
- c. Between latitude $23\frac{1}{2}^{\circ}\text{N}$ and $66\frac{1}{2}^{\circ}\text{N}$, and between latitude $23\frac{1}{2}^{\circ}\text{S}$ and $66\frac{1}{2}^{\circ}\text{S}$
- d. Near the poles

Ans. C

2. The grasslands in North America are known as the

- a. Prairies
- b. pampas
- c. savannas
- d. downs

Ans. a

3. The natural vegetation in the prairies consists of

- a. Dense forest of tall trees with grass growing below
- b. Plenty of grass and a number of tall trees
- c. Plenty of grass and very few trees
- d. Wheat crop

Ans. c

4. In which part of the prairies are most of the ranches present?

- a. North
- b. south
- c. west
- d. east

Ans. c

HOMework

Do the short question A, B & MCQ in the notebook

LEARNING OUTCOME:

By the end of the class, learners will be able to know:

- **How much they have gained the knowledge about the topic.**
- **All the details about temperate grassland of the world.**

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 2

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 8

CHAPTER NAME : GRASSLANDS OF THE TEMPERATE ZONE

SUBTOPIC : VEGETATION AND CLIMATE, AGRICULTURE CONT.....

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES:

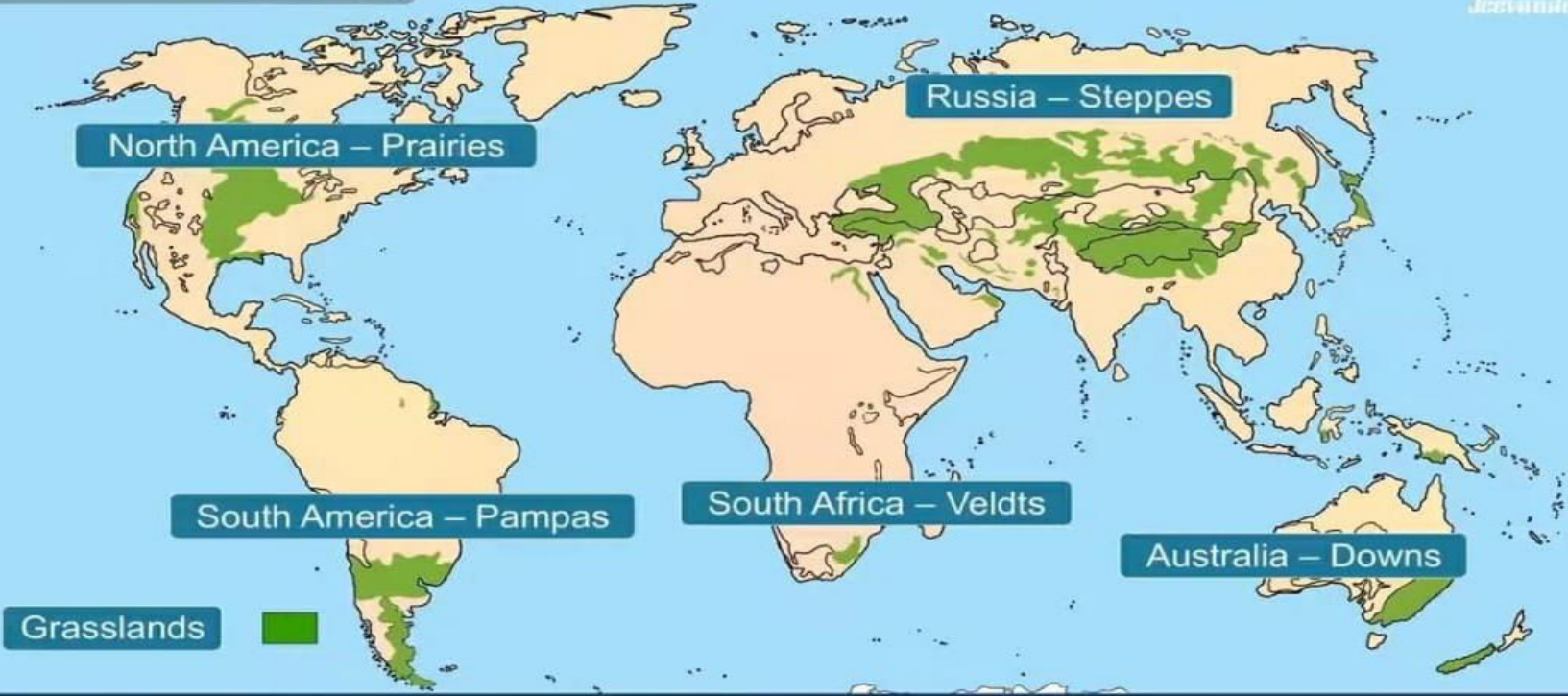
Enable the learner to know about:

- **The vegetation and climate of temperate grasslands.**
- **The type of agriculture found in temperate grasslands.**

RECAPITULATION:

- **What are Grasslands?**
- **Temperate Grasslands of the world.**
- **Location and extent of Grasslands.**
- **Vegetation of Grasslands.**
- **Climate of Grasslands.**
- **Wildlife of Grasslands.**

Temperate Grasslands

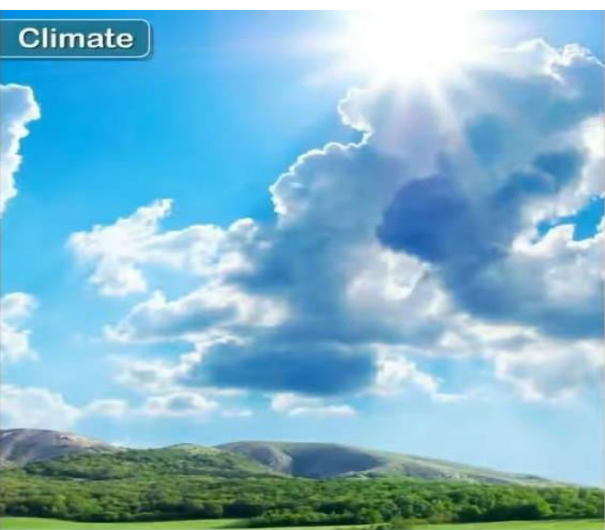


Temperate grasslands are known by different names in the different parts of the world.

Vegetation



The Prairies of North America are known as the 'wheat basket' of the world because of the large scale production of wheat here.



The prairies experience hot summers and cold winters, typical of the temperate zone.



There is also moderate rainfall during the summers.

Wildlife in the Prairies



Bison



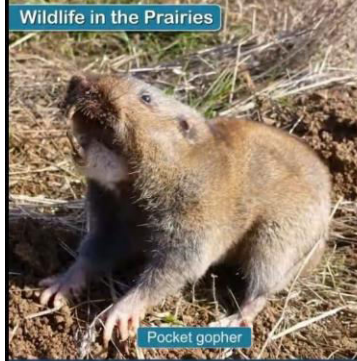
Deer



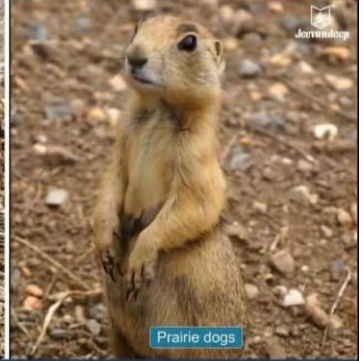
Pronghorn

The prairies abound in grazing animals because of the extensive and lush green pastures here.

Wildlife in the Prairies



Pocket gopher



Prairie dogs

Rodents found in prairies

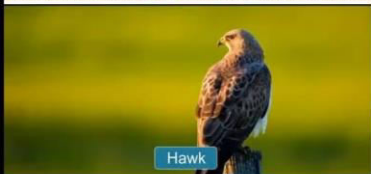
Wildlife in the Prairies



Quail



Sparrow



Hawk



Owl

Birds found in prairies

Wildlife in the Prairies



Wolf



Coyote



Fox

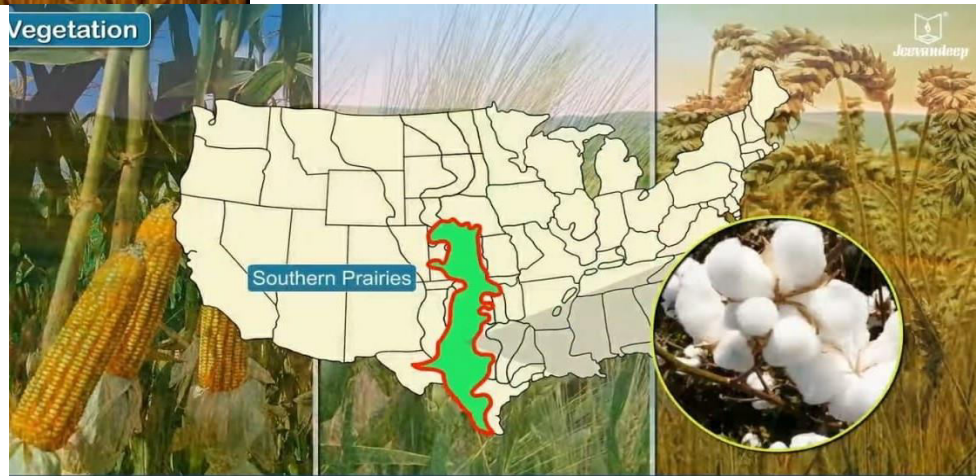


Badger



Black-footed ferret

Carnivores found in prairies



Cotton is also grown in the southern prairies.

Life of the People



Ploughing



Sowing



Harvesting



Threshing

Modernized agricultural machines and farming implements

Life Of The Farmers And Occupation

- On every farm, there are small homesteads in which the farmer's family lives with the workers called cowboys.
- Small sheds are built to keep cattle and farm machinery.
- They use scientific technologies with the help of machines.
- Ploughing - The process of loosening and turning the soil is called ploughing (tilling).
- Sowing - Sowing is the process by which seeds are buried inside the soil.
- Harvesting - The harvest is the operation of gathering the useful or parts of the plant.
- Threshing - The process of separating the edible part of cereal grain (or other crop) from the scaly.
- Winnowing - The process by which chaff is separated from grain.

- The storing of food grains in the **silos** is done through machines.
- Animal rearing is another important occupation in the open hilly land towards the west.
- Cattle-rearing is done in ranches that are well equipped with modern machinery.
- **Ranches** are the large open areas.
- Cattle are mostly reared for meat, which is consumed locally or exported to Europe.
- The city of Chicago is an important center for slaughtering animals.
- Animals are also reared for milk and milk products.
- Well equipped, huge dairy farms are located near the cities.
- Prairies are rich in minerals like lignite, coal and minerals oil.
- Ore-crushing and oil refineries are well developed but the most important industries are those of meat packing and flour mills.





SUMMARY:

- **Vegetation of Prairies.**
- **Climate of Prairies.**
- **Wildlife of Prairies.**
- **Agriculture of Prairies.**

QUIZ

<https://wordwall.net/resource/21313958>

HOMEWORK:

Paste the world map with Grasslands of the world in the project record.

LEARNING OUTCOME:

By the end of the class, learners will be able to know:

- **The vegetation and climate of temperate grasslands.**
- **The type of agriculture found in temperate grasslands.**

THANKING YOU
ODM EDUCATIONAL GROUP

SESSION : 1

CLASS : 5

SUBJECT : SOCIAL SCIENCE

CHAPTER NUMBER: 8

CHAPTER NAME : GRASSLANDS OF THE TEMPERATE ZONE

SUBTOPIC :INTRODUCTION, VEGETATION AND CLIMATE, CONT...

CHANGING YOUR TOMORROW

LEARNING OBJECTIVES:

Enable the learner to know about:

- **The location of temperate grasslands on the world.**
- **The vegetation and climate of temperate grasslands.**

CLASS WORK: New words:-

- 1. Prairies**
- 2. Pampas**
- 3. Steppes**
- 4. Veld**
- 5. Downs**
- 6. Savannas**
- 7. Bison**
- 8. Ranches**
- 9. Humus**

LAND FORMS





What are Grasslands?



Grasslands are areas where the vegetation is largely in the form of grasses with very few trees.

- The places in this zone are neither too hot nor too cold.
- The temperate zone has less rainfall, which usually falls in summer.
- Hence, only grasses grow in such region and it is known as a grassland.
- The summers are hot and the winters are cold. The rains are less, so forests cannot grow.
- The grasslands are known by different names in different regions.

What are Grasslands?



They receive less rainfall, enough only to support the growth of grasses.

What are Grasslands?



Grasslands cover more than one-fifth of the Earth's land surface.

Grasslands

Grasslands are big open spaces that do not have many bushes or trees. They get more rain than deserts and less rain than forests.

There are 2 kinds of grasslands:

Temperate and Tropical



Temperate grasslands, like the prairies in the US, have hot summers and cold winters.



Tropical grasslands, like the African savanna, are hot all year long.

Types of Grasslands

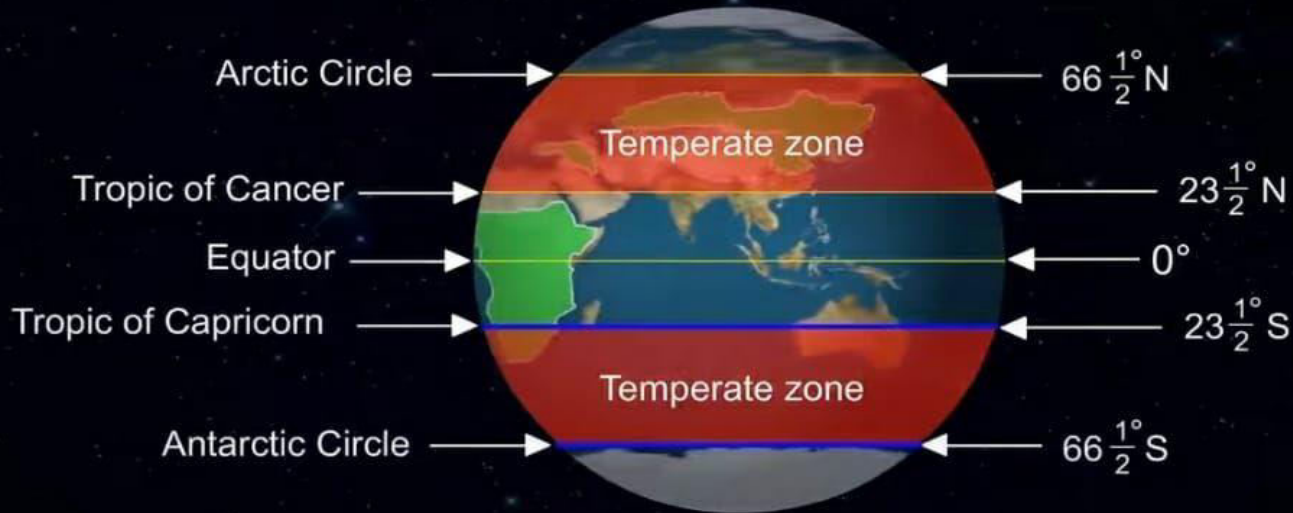


Temperate
grasslands



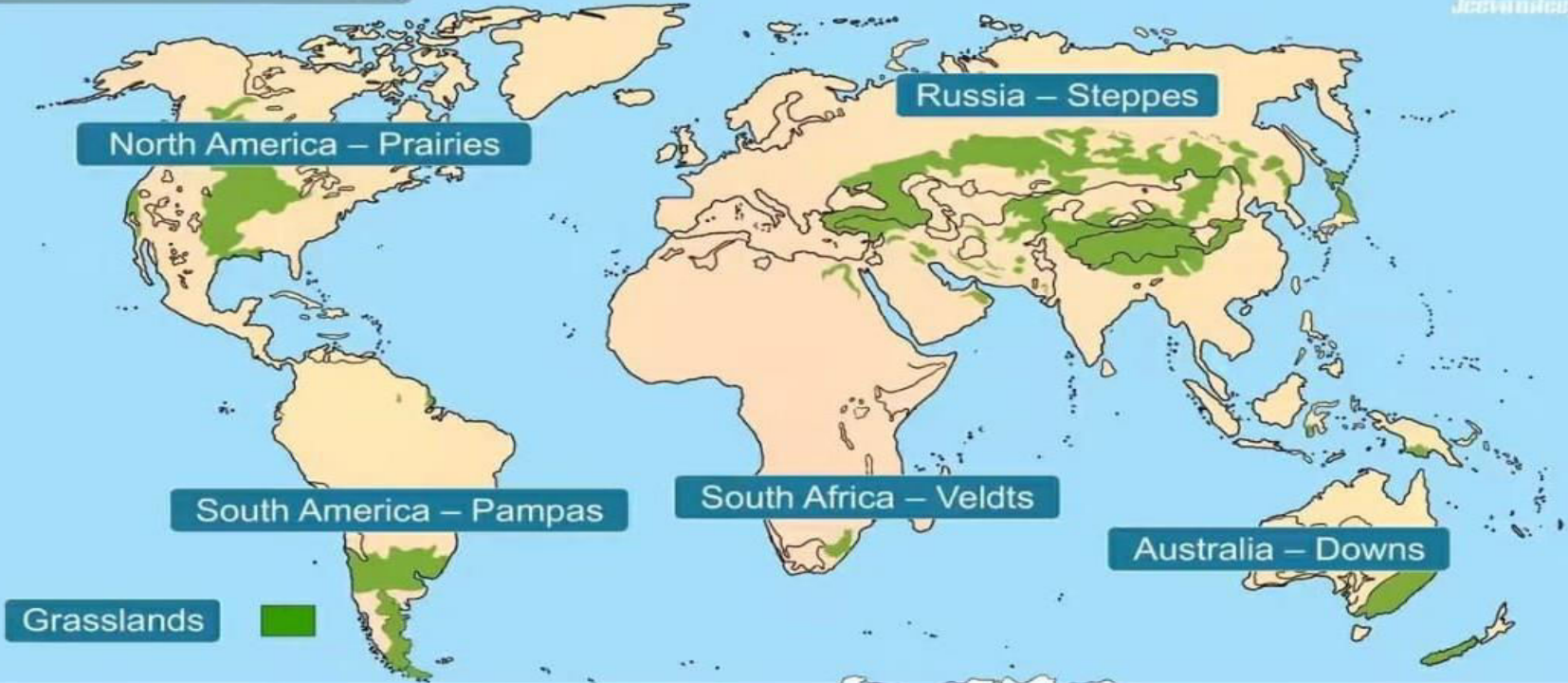
Tropical
grasslands

What are Grasslands?

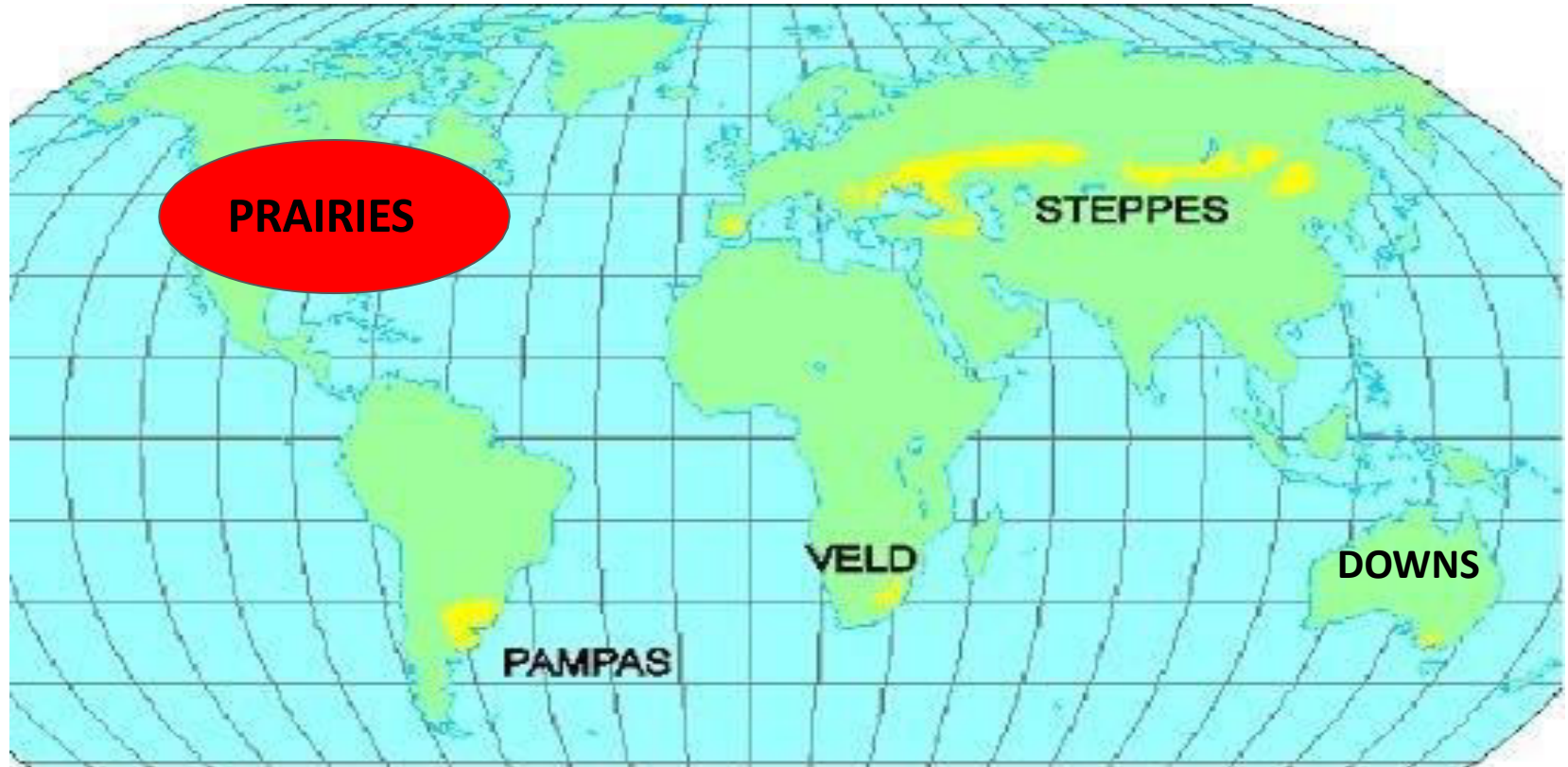


Temperate grasslands

Temperate Grasslands



Temperate grasslands are known by different names in the different parts of the world.



Vegetation



The term 'prairie' is derived from the Latin word 'priata' for meadow.

Prairies – The Grasslands Located in North America



Stretching from the central part of the United States of America, west of the Mississippi, to the foothills of the Rocky Mountains.

Vegetation



Moreover, the abundant water from the Mississippi and Missouri rivers and their tributaries makes them perfect for agriculture.

Vegetation

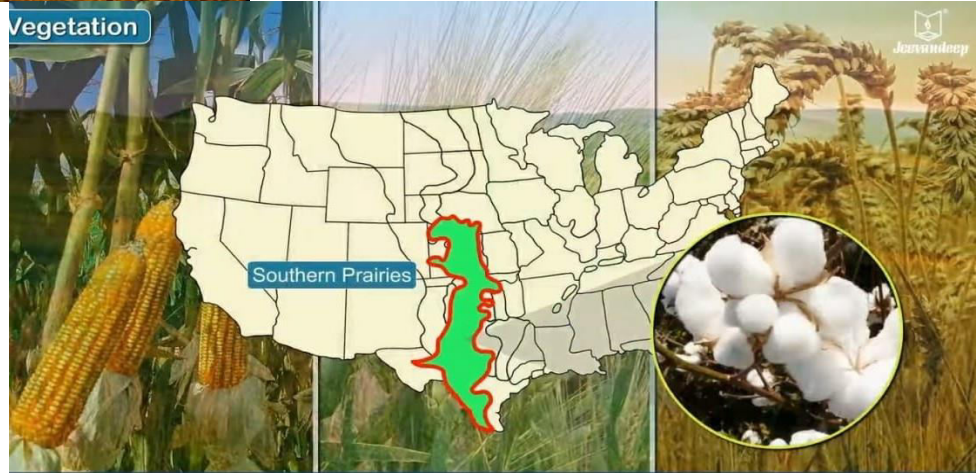


Like all grasslands, the soil contains large amounts of humus and is thus extremely fertile.

Vegetation



The Prairies of North America are known as the 'wheat basket' of the world because of the large scale production of wheat here.



Cotton is also grown in the southern prairies.

Wildlife in the Prairies



Bison



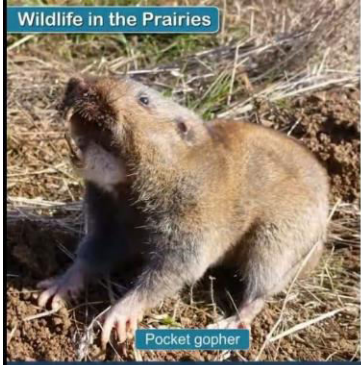
Deer



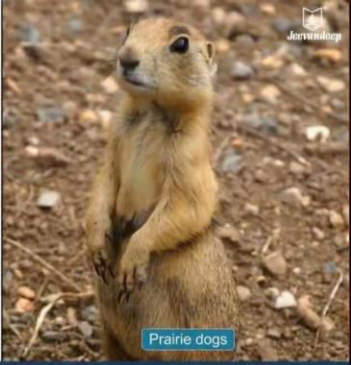
Pronghorn

The prairies abound in grazing animals because of the extensive and lush green pastures here.

Wildlife in the Prairies



Pocket gopher



Prairie dogs

Rodents found in prairies

Wildlife in the Prairies



Quail



Sparrow

Wildlife in the Prairies



Wolf



Coyote



Fox



Badger



Black-footed ferret

Carnivores found in prairies



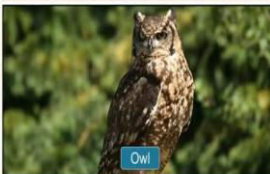
Lubber grasshopper



Tumble bug



Hawk



Owl

Birds found in prairies




Harvester ant



Tiger beetle

Insects found in prairies

Climate



Sometimes, hot winds called chinook blow during the spring season over these grasslands.

SUMMARY:

- **What are Grasslands?**
- **Temperate Grasslands of the world.**
- **Location and extent of Grasslands.**
- **Vegetation of Grasslands.**
- **Climate of Grasslands.**
- **Wildlife of Grasslands.**

QUIZ

[https://quizizz.com/admin/quiz/
6169ae4a1b984c001d1d4c4e](https://quizizz.com/admin/quiz/6169ae4a1b984c001d1d4c4e)

HOMEWORK:

Write difficult words in the notebook.

LEARNING OUTCOME:

By the end of the class, learners will be able to know:

- **The location of temperate grasslands on the world.**
- **The vegetation and climate of temperate grasslands.**

THANKING YOU
ODM EDUCATIONAL GROUP