

AOA and a Very Good Morning. Welcome to the Social Studies Model Lecture for the primary level by the KIPS Education System.

This is Sarooj Hassan and today we are going to study about Maps and their parts. At the end of this lecture, students will be able to understand the parts of a map, use cardinal directions, and apply latitude and longitude to identify locations.

As We All Know We Have six Parameters in social studies.

Understanding of terminology

Comprehension

Investigational skills

Analytical skills

Map/Timeline/Diagram

Creativity

In this lecture, they will cover all five parameters and Teaching Techniques in the Pomegranate Manual, such as Flipped Classrooms, Hybrid Teaching, Student-Entered Classrooms, etc. So now, Let's Move to My Classroom.

Assalamualaikum, students!

A very good morning to all of you. How are you doing today? I hope you're all feeling well and taking good care of yourselves.

Attendance Check:

Let's see who wasn't here in the last class. Rafay, I see you were absent. No worries! Please take help from Abdullah, our class helper, and complete your missing work during your free time. Abdullah, guide Rafay in catching up on the notes.

Commendation:

I'm impressed to see how prepared and organized you all are today! For a productive lesson, it's important to have your materials ready: your textbook first, your notebook next, and finally, your diary for any homework or important notes. This way, we can focus on exploring today's topic effectively. Great effort, everyone!

Hope you are well aware of today's topic as I have shared a video related to this topic and I expect that you have seen the video. so what is today's topic? Yes, right it's Maps and its parts (topic will appear) Let's write down our diary, and then we will watch the video again.

We must define our outcomes before we act so Our target is:

In class work mark a tick On U Understanding of pg 3 and 4 D Drilling and W Writing Exercise questions 2 and 3.

In Homework mark a tick on W writing work page 6 part B question 1 and 2.

You Have 30 Seconds to Write Down Your Diaries.

Done?

Ok

Now put them upside down on the back of your chairs.

Slide 4

Let's watch the video.

Now Let's have a quick discussion about what we already know about maps.

Describe a map that you have seen.

Yes, Basil, you can answer.

Okk so next who will tell me What was the reason why you were observing the map?

Hmm yes talha, please.

Oh, so What is the story of a map?

Hmm, it sounds interesting. Do your parents use a satellite navigational system in their car?

Okk so class have you ever been on a hiking expedition and used a map as a guide?

So now let's begin our today's journey firstly we should know the definition of a map. right

So basically a "Map is a visual representation of the Earth's surface, showing us where places are, how far apart they are, and sometimes even telling us stories about the land."

Repeat it with me yes yes (again definition)

Okay, now we move forward after knowing the definition the next step will be how we can read a map. It is very important that while reading a map you should know about its different elements so you know easily what they mean. So for this, we must know the parts of a map.

Activity:

Write these key terms on the board: *Title, Legend, Scale, Orientation, Cardinal Directions, Latitude, Longitude, Compass.*

so

"We'll learn these terms today. Let's start with an easy one. Who can guess what a *title* on a map tells us?"

Yes exactly Ahmed, The title of a map tells you what the map is about. It gives a quick idea of the area or subject the map is showing, like a city, country, or specific feature.

For example, we have an example of a Treasure map so in this map our title is TREASURE MAP.

OK after this the next element is Orientation, so in maps, this means the use of cardinal and intercardinal directions like north, south, west, and east, and also north-east, south-east, and north-west.

Who will tell me that in our map what things are present in the north and in which directions we have treasure?

Next, the third element is The date on a map which tells you when the map was made or updated. It helps you know if the information is current or old.

Ask from students how old our map is.

After that, the next element is the Author,

So, The author of a map is the person or organization who created it. Knowing the author helps you trust the map's information and understand who made it. (point on the given map)

By moving forward the fifth element of the map is the legend

This means the key of a map that tells us what the symbols and colors used on a map help to find things and directions on a map.(point on a map)

The six and the second last element is the Scale

Which means that the scale on a map shows the relationship between distances on the map and real-life distances. It helps you measure how far things are in the real world.

Now dear students,

Can you find the scale and tell me how far the treasure is from the mountain?"

Now we have the last element which is source which means The source on a map tells you where the information used to create the map came from. It helps you know if the map is reliable.

We have a treasure map and now find where we have our author and source on a map.

Now class open your books turn on pg 3 ,hold your pencils and highlighters in your hand and raise your hand who would like to read the paragraph? Yes, Basil you start the reading, and the rest of the students focus on your books.

Reading of pg

Mark the definition of map and write down the question on it that is defined map?

Highlight the definitions of all the elements and mark them as important for your mcq as well as your fill-in-the-blanks.

I hope you all are done with the markings and highlighting of the questions and I am coming to take a round so make sure you all are completed.

If you remember the word cardinal directions that we read recently in the elements of map

So let's learn in detail about what they are and what they symbolize

Cardinal directions are the four main directions on a map: **North (N), South (S), East (E), and West (W)**. They help us understand where things are located or how to move from one place to another.

You can also look at a compass or map, where North is usually at the top, South is at the bottom, the East is on the right, and the West is on the left.

Point on the given map the directions and also elaborate it on by drawing on a board)

If you look at these directions we have intercardinal direction that are in between cardinal directions like north-west, south-east and south west.

Explain the given picture

Now again look at your pg 4 and Hamza start the reading of paragraph

Mark and underline the definition of cardinal directions

Also, mark the diagram as important.

So, we are moving in the end of the lecture here we have exercise question no 3 which is

How can we show directions on a map? Mark and write down on your notebooks girls and boys with proper headings, and margin lines, and also your writing should be neat.

Now we have a very interesting concept about longitude and latitude.

Draw these on board

Latitude and **Longitude** are imaginary lines on the Earth's surface that help us locate places:

1. **Latitude:**

- These are horizontal lines that run east to west.
- They measure how far a place is *north* or *south* of the Equator.
- Examples: The Equator is at 0° latitude.

2. **Longitude:**

- These are vertical lines that run from the North Pole to the South Pole.
- They measure how far a place is *east* or *west* of the Prime Meridian.
- Examples: The Prime Meridian is at 0° longitude.

Together, latitude and longitude form a grid to pinpoint any location on Earth!

Reading and marking by students

So anyone of you ever seen and used a compass and do you know why it is used ?

Discussion with students

Now mark the answer of exercise question no 2 and write down in your notebooks

I am coming for taking a round and you all have 5 min to complete it so be quick

Very well we use compass to find out directions exactly

So compass A **compass** is a tool used to find directions.

So students can you tell me how many cardinal and intercardinal directions we have?

,yes very nice you explained very well

So now look at the compass (given picture)

What you all see in it ?

Yes firstly in centre we have a needle that has a needle that always points to the magnetic north, helping you figure out where north, south, east, and west are.

After that, we have bearing that tells us how many degrees away from the north to south

For example travelling north means 0° bearing.

Next, you can see the letters that helps you to indicate the directions with their symbols.

Now for book read the next paragraph bilal

Here underline the definition of compass and mark the question.

So boys if we want to find out a directions by using a compass how many important points should we consider?

Or if I say we are on a hiking and want to get to know our directions

firstly we use compass by placing a compass on our palm then the nextstep will be an alignment of the needle towards north to get the directions

and if we are having a map then place it on the flat surface and find the cardinal directions longitude and latitude in a map.

Okkk class this is it for today's lecture it's a time to wrap up

We have done with our exploration about maps and its elements. Now, turn by turn, give me the points of this lecture:

Yes. Tell me what we have done in the whole lecture.

Very good.

Key points:

Today, we learned that what is map and its elements

used cardinal directions,

use of a compass in finding out the directions

and explored latitude and longitude.

Alright, everyone, please close your books and set your notebooks aside. Abdullah, since you're the notebook collector, kindly collect everyone's notebooks for checking. I'll make sure to return them to you before home time.

Great job, everyone! You've all worked really well and participated in today's lecture. Now, let's quickly review – how many cardinal directions do we have?

Excellent! So, can we now read a map's description and use a compass to find directions?

Fantastic job! Applaud yourselves for your hard work. Don't forget to be role model, complete your homework, and review your classwork for practice.

Have a fantastic day, take care of yourselves, and I'll see you all tomorrow. Allah Hafiz!