

**SESSION : 3**

**CLASS : 5**

**SUBJECT : SOCIAL SCIENCE**

**CHAPTER NUMBER: 2**

**CHAPTER NAME : MAPS**

**SUBTOPIC : ELEMENTS OF A MAP**

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**CHANGING YOUR TOMORROW**

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## LEARNING OBJECTIVE

To enable the learner to know about:

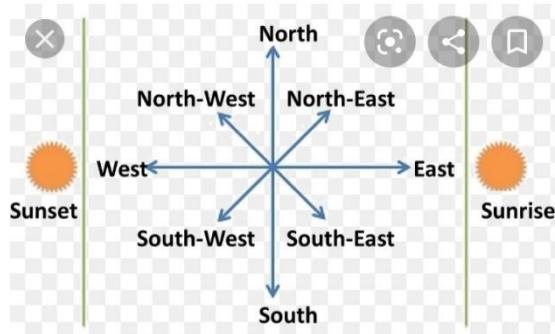
- Different elements of the map
- Different kind of colours used in maps to indicate different things

# RECAPITULATION

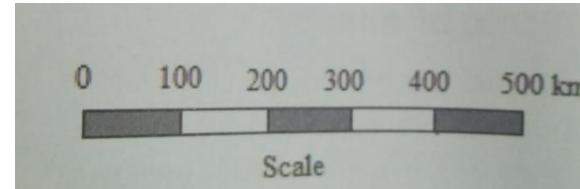
## Elements of a map:

- Directions/ Orientation
- Scale

### Direction



### Scale



## **Elements of a map**

**Every map has certain elements or features. By studying these elements, we are able to gather information about the area being shown in the map. Some of these elements are:**

- **Directions/ Orientation**
- **Scale**
- **Colour**
- **Symbols**

## Colours

Certain standard colours are used in maps to show features such as oceans, seas, mountains, plains, deserts etc.

### Water bodies

Water bodies are always shown in blue. Deep blue shows deep waters and light blue shows shallow waters.

### Mountains and highlands

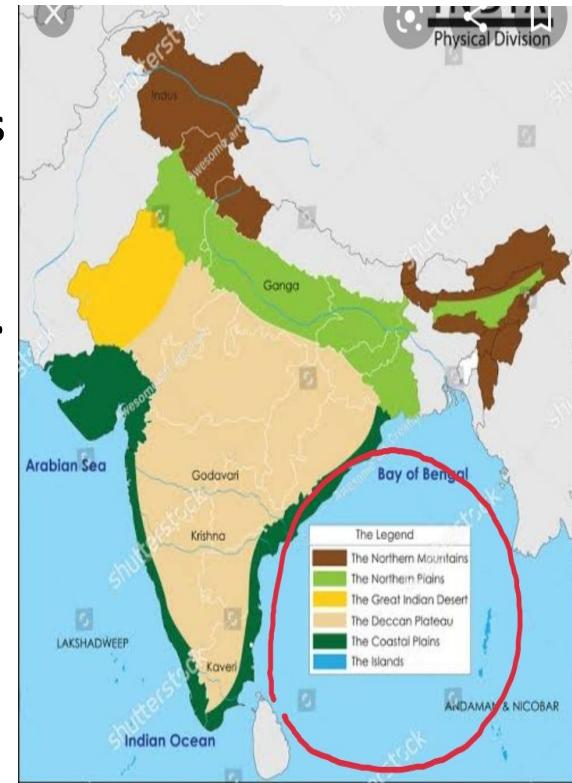
Mountains and highlands are shown in brown and yellow. Dark brown shows high mountains. Light brown shows lower mountains and hills. Yellow shows plateaus.

### Plains

Plains and lowlands are shown in green.

### Symbols

To make it easier to show features and places on a map, certain standard symbols are used in maps.

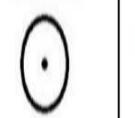
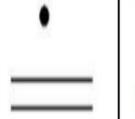
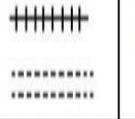
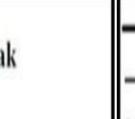
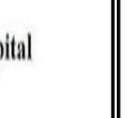
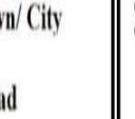
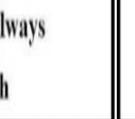
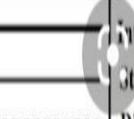
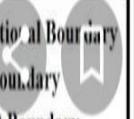
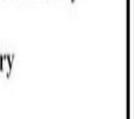


**A symbol is a shape or sign that is used to represent something.**

**For example:-**

- **To show a church on a map we can just put a cross at that spot, instead of writing the word 'church' there.**
- **Symbols make it easier to read and understand maps.**
- **Once we are familiar with these, understanding a map becomes easier.**

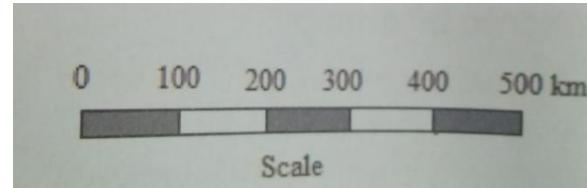
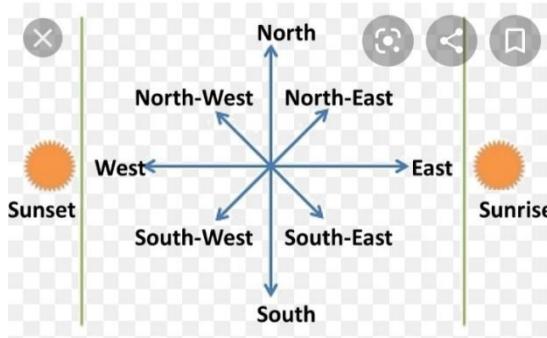
### STANDARD SYMBOLS USED IN MAPS

MAP KEY			
	Mountains		Highest elevation
	River		Capital
	City		Town
	Highway		Railroad
	Airport		National Park or Reservation (outline)
	Peak		Airport
	Capital		Industry
	Town/ City		Mountain Pass
	Road		River
	Railways		Hospital
	Path		Mountains
	International Boundary		State Boundary
	District Boundary		
			
			
			

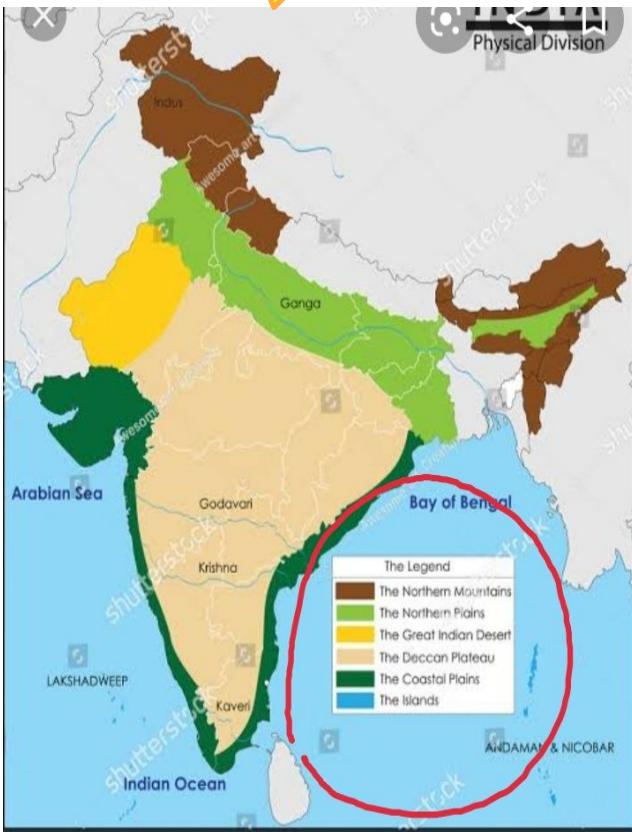
## SUMMING UP

### Elements of a map:

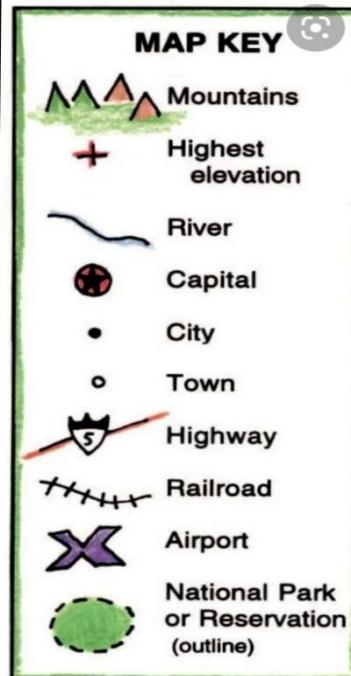
- Directions/ Orientation
- Scale
- Colour
- Symbols

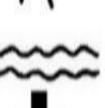
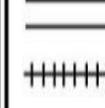


# COLOURS



# SYMBOLS



	Peak		International Boundary
	Airport		State Boundary
	Capital		District Boundary
	Town/ City		Industry
	Road		Mountain Pass
	Railways		River
	Path		Hospital
	Mountains		

## DID YOU KNOW?

- First 'modern' map printed over 500 years ago.
- The world's best map collection is in Paris.
- Most expensive map was the first to name America.



## I. FILL IN THE BLANKS

1. Some maps use colours as \_\_\_\_\_ to represent information.
2. The \_\_\_\_\_ of a map tells us which area is covered by the map.
3. A map scale shown as a line with divisions marked on it is called \_\_\_\_\_ or \_\_\_\_\_ scale.
4. \_\_\_\_\_ colours shows plateaus on map.

## II. CHOOSE THE CORRECT ANSWER

1. The legend of a map tells us:
  - a. The direction in which the map is pointing
  - b. How large or small the map is
  - c. Stories about the map
  - d. How to understand the symbols used in the map.

- 1.1. symbols
2. elements
3. linear scale
4. yellow

II.1. d

2. Which one of the following maps shows a very large area with less details?

- a. Large scale
- b. Thematic
- c. Physical
- d. Small scale

3. Which of the following is not shown on a physical map?

- a. Mountains
- b. Rivers
- c. Crops
- d. Valleys

4. Which of the following is not an intermediate direction?

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

2. d  
3. c  
4. a

5. The blue colour on the map shows

- a. Clouds
- b. Water bodies
- c. Glaciers
- d. Plains

6. Which of these symbols represents a boundary between countries?

- a. - - - - -
- b. \_\_\_\_ . \_\_\_\_ . \_\_\_\_ .
- c. \_ . \_ . \_ .
- d. \_\_\_\_\_

5. b

6. b

### III. Match it:

1. Light blue
2. Physical maps
3. Arrow marked N on map
4. Plains
5. - - - - -

- a. railway line
- b. North
- c. shallow water
- d. mountains & rivers
- e. Green

1 - c  
2 - d  
3 - b  
4 - e  
5 - a

# **HOME WORK**

**DRAW ANY 10 STANDARD SYMBOLS USED IN MAPS IN THE NOTEBOOK**

# LEARNING OUTCOME

**The learner will be able to :**

- **Identify different colours used in the map**
- **Identify different symbols used in the map**

**THANKING YOU**  
**ODM EDUCATIONAL GROUP**