

SESSION : 3
CLASS : 5
SUBJECT : SOCIAL SCIENCE
CHAPTER NUMBER: 2
CHAPTER NAME : MAPS
SUBTOPIC : ELEMENTS OF A MAP

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to know about:

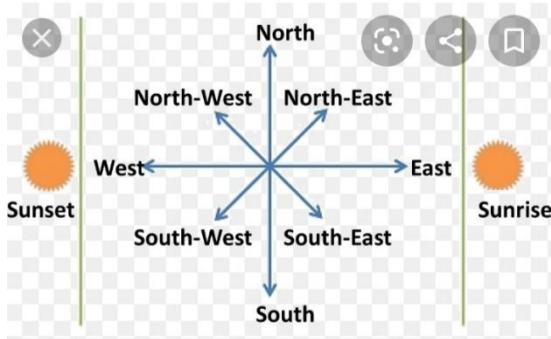
- Different elements of the map
- Different kind of colours used in maps to indicate different things

RECAPITULATION

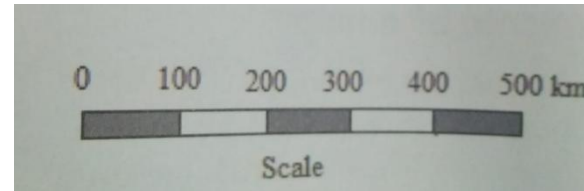
Elements of a map:

- 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

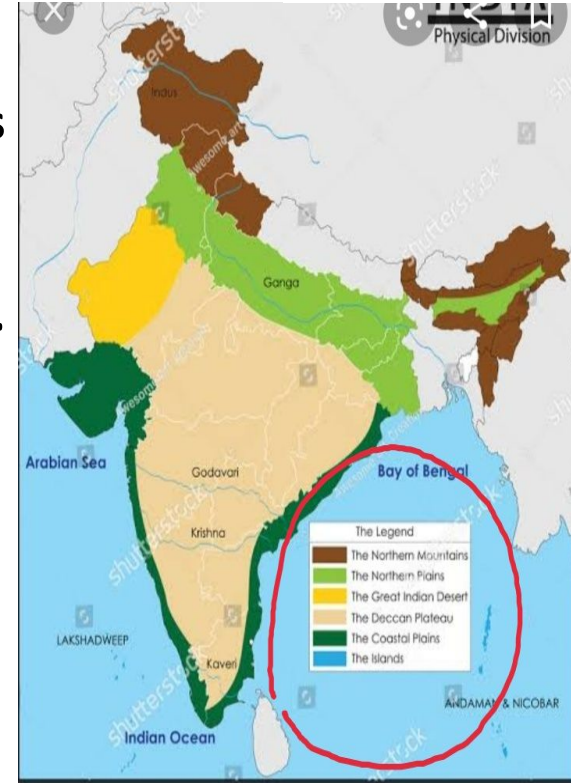
Mountains and highlands are shown in brown and yellow. Dark brown shows high mountains. Light brown shows lower mountains and hills. Yellow shows plateaus.

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.








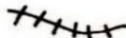








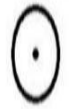






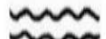



A symbol is a shape or sign that is used to represent something.

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

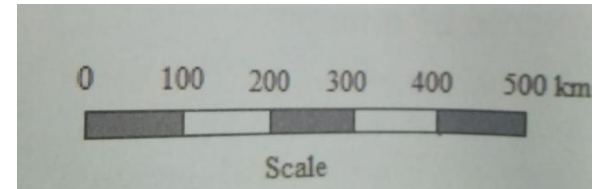
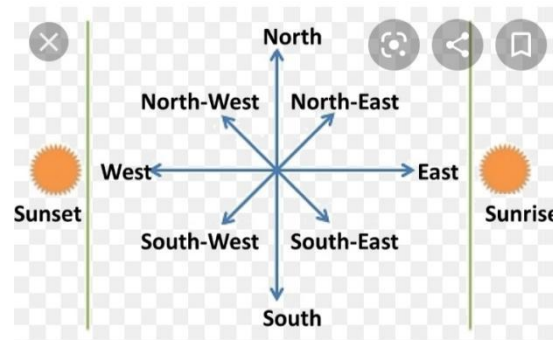
MAP KEY	
	Mountains
	Highest elevation
	River
	Capital
	City
	Town
	Highway
	Railroad
	Airport
	National Park or Reservation (outline)

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

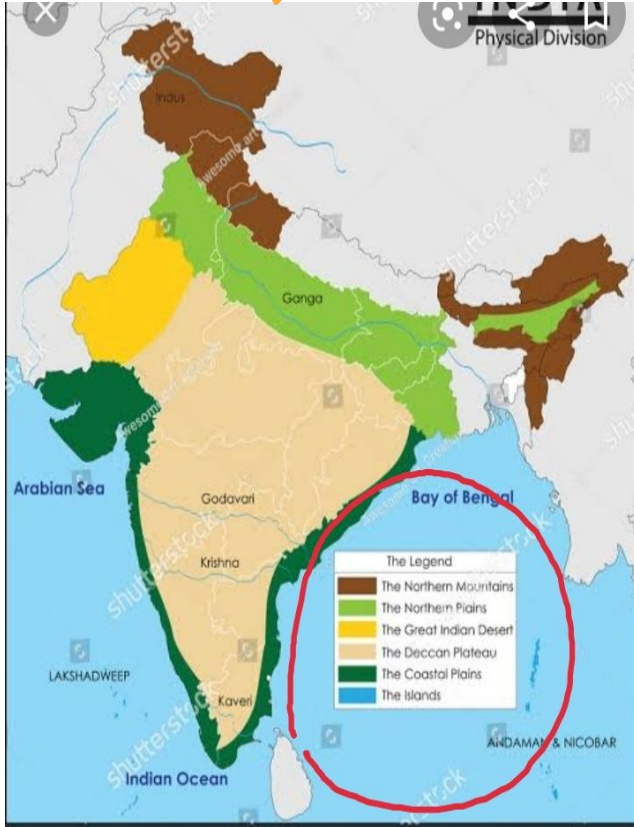
SUMMING UP

Elements of a map:

- Directions/ Orientation
- Scale
- Colour
- Symbols



COLOURS



SYMBOLS

MAP KEY	
	Mountains
	Highest elevation
	River
	Capital
	City
	Town
	Highway
	Railroad
	Airport
	National Park or Reservation (outline)
	Peak
	Airport
	Capital
	Town/ City
	Road
	Railways
	Path
	International Boundary
	State Boundary
	District Boundary
	Industry
	Mountain Pass
	River
	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 | → | a. railway line |
| 2. Physical maps | → | b. North |
| 3. Arrow marked N on map | → | c. shallow water |
| 4. Plains | → | d. mountains & rivers |
| 5. - - - - - - - - - - - - - - - - | → | 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