

## SUBJECT - SOCIAL SCIENCE

### CHAPTER – 1 India- Size and Location

CLASS –IX

DURATION: 30 MINUTES

Nature of activity: Individual

Assessment technique: Comparing the duration of day at two different places in India.

Learning outcome :By means of this activity, students will be able to do the following:

- know that duration of day and night varies from the southern part of India to its northern part.
- reason out for such a variation in day and night duration.

1.What I have to do? Understand the implication of vast latitudinal extent on the location of India.

2.What do I require?

A black rolling map, pen, colored pen, activity sheet

Teacher's activity

- This activity is undertaken by the teacher to make students understand the implications of the vast latitudinal extent of the location of India.
- Teacher must give the values of the duration of day at few places in southern India [such as Thiruvananthapuram, KanyaKumari, Port Blair, Kavarathi, Kochi, Chennai etc.]
- Teacher will explain the reasons for such a variation in day and night

4. How will I proceed?

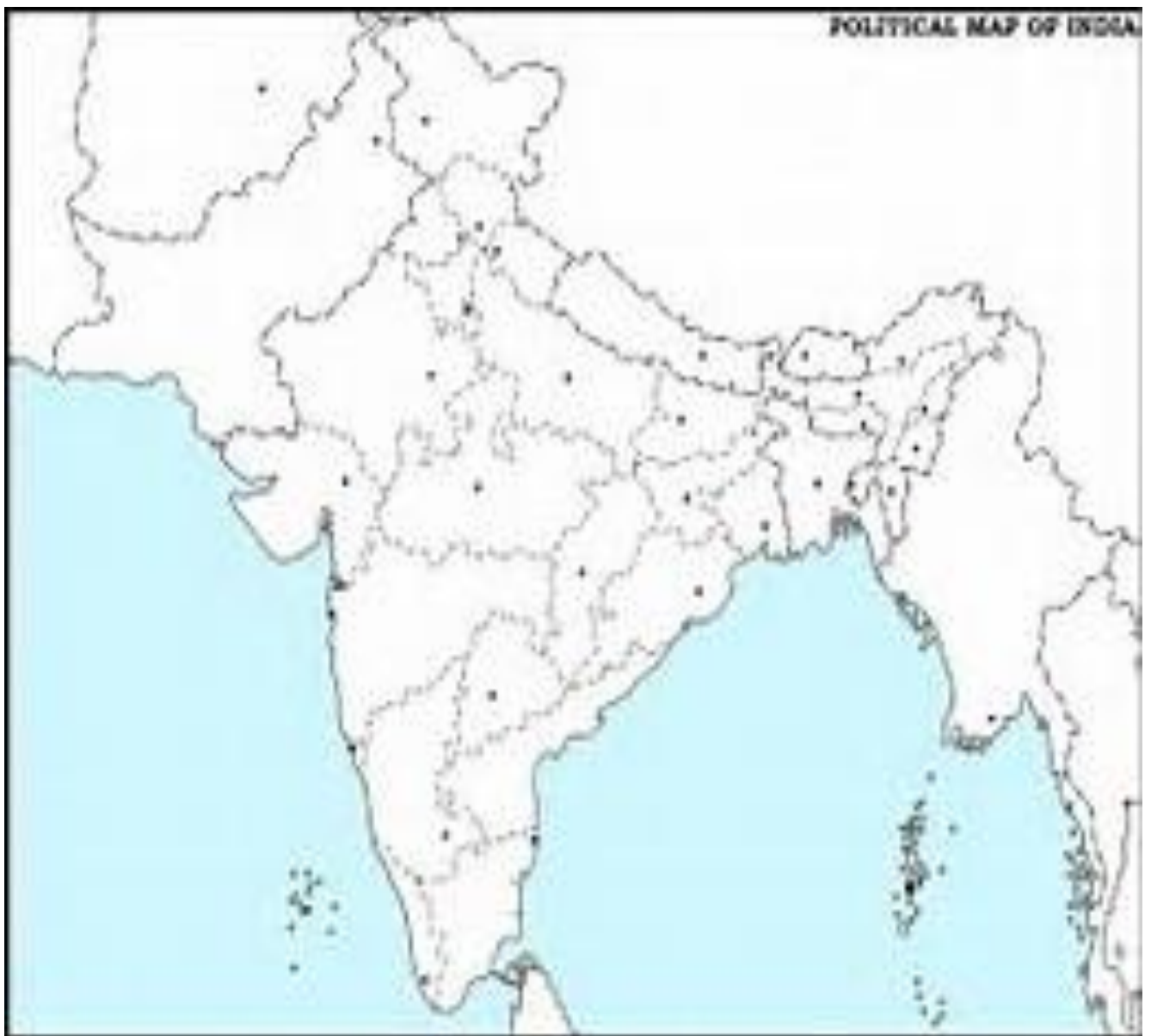
Student's activity

- Students are directed to find the latitude and duration of day of a place lying in northern part of India [such as Leh, Sri Nagar, Amritsar, Pinjor, Delhi etc.] during the same period of the year.
- Students may be given two days for the collection of data.
- They can search Atlas/www.googleearth.com for latitude.
- Duration of day may be noted from newspapers or internet.
- Students will locate all the places on a black roll-up map along with latitude and duration of day.
- Observe the variation in duration of day with respect to the variation in latitude Next step is to start the discussion based on it. Teacher will explain the reasons for such a variation in day and night.

**5. What have you observed ?**

**OBSERVATION TABLE:** students write their observation in the given table:

<b><u>Duration of Day and Night at Kashmir</u></b>	<b><u>Duration of Day and Night at Kanyakumari</u></b>



## **WORKSHEET**

**Q1. Give reason for the time lag of Two hours between Gujarat and Arunachal Pradesh.**

**Ans.**

**Q2. What is the western most longitude of India?**

**Ans.**

**Q3. Why is there a difference in the duration of day and night at Kashmir and Kanyakumari?**

**Ans.**

**Q4. Name the countries which constitute the Indian sub continent.**

**Ans.**

**Q5. State the importance of the Standard Meridian of India.**

**Ans.**

