

# EXPERIENTIAL LEARNING ACTIVITY

## CLASS-VI

### CHAPTER 2 GEOGRAPHY

#### GLOBE LONGITUDE AND LATITUDE

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>CHAPTER</b>                    | <b>Chapter -2 Globe Longitude and Latitude</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>TOPIC/CONCEPT</b>              | Local Time and Prime Meridian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>NAME OF THE ACTIVITY</b>       | <b>Discussion and Project</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>TYPE OF ACTIVITY</b>           | <b>Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>LEARNING OUTCOME</b>           | <ul style="list-style-type: none"><li>• It will enhance their critical thinking</li><li>• They will get importance of Prime Meridian</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>PROCEDURE/<br/>METHODOLOGY</b> | <p><b>Students will work in a group and discuss</b></p> <p>Standard time and Russia has 11 local standard times even when it is one country. Why?</p> <p>Students will be divided in the group who want to speak for and against the topic given.</p>                                                                                                                                                                                                                                                                                                                                          |
| <b>QUESTIONS</b>                  | <ol style="list-style-type: none"><li>1. What is standard time?</li><li>2. How do longitudes help us to calculate the time?</li><li>3. Why Russia has 11 time zones?</li></ol>                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>SOLUTIONS/ HINTS</b>           | <p>Ans 1 a uniform time for places in approximately the same longitude, established in a country or region by law or custom.</p> <p>Ans 2 Because one day is 24 hours long one can easily use time to calculate longitude. One hour of time difference corresponds to 15° of longitude (<math>360^{\circ}/24 \text{ hours} = 15^{\circ}/\text{hour}</math>)</p> <p>Ans 3 As Russia is a huge country by area, it expands from east to west in northern hemisphere covering maximum part alone. ... So Russia should also have a lot of time zone as it is similar to a number of countries</p> |

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|  | united by area |
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