CHAPTER: GOING TO SCHOOL

Grade: **4**
Board: **CBSE**
Book: **NCERT**

1.

Chapter Summary and Placement

Read through the following to understand the gist of the lesson.

The children of this age like to explore and observe new things. This chapter will help them in exploring more about different means of transport. The children will be familiar about the basic means of transportation. They will be introduced to different types based on the the geographical/physical conditions in our country.

2.

LEARNING OUTCOMES

<On completion of the chapter, students will be able to:>

1. Understand the uses of pulley and bridges in the life of students in different parts of the country.
2. Exemplify different modes of transport used in different parts of the country
3. Correlate the mode of transport with the geography of the land area

3. PREVIOUS KNOWLEDGE REQUIREMENT

<The below points should be refreshed before introducing the chapter:>

1) Recall the names of a few means of transportation.
2) Recall the names of few states in India

4. TEACHING PLAN

Follow this section for getting ideas on teaching the content covered in the chapter. The subtopic given in the first column with the matching learning outcome can be explained using instructions and resources listed subsequently

Subtopic and Learning Objective #1

LO: Understand the uses of pulley and bridges in the life of students in different parts of the country.

Teacher Activity

1. The teacher can introduce the chapter with the help of Activity 1.
2. Explain the meaning of a bridge and the types of bridges like temporary and permanent bridges.
    - Temporary bridges can be made and removed easily. Like the ones made by army men to cross difficult terrain
    - Permanent bridges are firm and cannot be demolished easily.
3. The teacher may ask the students whether they have drawn water from a well or they have seen people doing that?
4. Ask the students to explain how it is done.
5. Draw their focus to the term pulley and explain its meaning and use.
6. Perform Activity 2 and refer Resource 1.

Check for understanding:

a) What is a bridge?
b) What is pulley?

Resources Suggested

Textbook, chalkboard, Resource 1

Activity 1

Name of the activity – Walking on Bamboo
Type of activity – Individual
Learning Objective: Understand the difficulties faced by a few group of children to reach school
Use it for – Better understanding of bridge.
Materials – Bamboo poles or Bricks, ropes

Teacher instructions:

1. The teacher may collect two or three bamboo poles and tie them with the help of the rope.
2. Place the tied poles on a stack of bricks at each end of the poles.
3. Ask the students to walk on them and make sure that the teacher help them pass the pole.
4. The teacher can ask the students to mention how they reach school everyday.
5. In case bamboo poles cannot be arranged, simple walking on bricks placed apart from each other can be done.
6. The student can explain whether it is easy or difficult for them to reach school compared to the group of children mentioned in the textbook

Activity 2

Name of the activity – A pulley
Type of activity – Individual
Learning Objective: Understand how easy it is to draw weight with the help of a pulley.
Use it for – Better understanding of the use of pulley.
Materials – Small bucket filled with sand or stone (It should not be too heavy for the children), a rope and a pulley

Teacher instructions:

1. The teacher may carry a bucket filled half with stones or sand and a rope tied to its handle. The bucket should not be too heavy for the kids to carry.
2. The teacher can ask a few student to come and lift the bucket.
3. Ask the student to stand on top of a chair and lift the bucket without the pulley.
4. The teacher can hold the pulley / attach it to a fixed rod and put the rope through the pulley and ask the student to lift the bucket.
5. If a well is available the activity can be performed by lifting water from well
6. The student can explain his/her experience lifting a bucket with or without a pulley.
7. The teacher can conclude the session by explaining the meaning of a pulley and why it is used.

Resource 1:



Bamboo Bridge

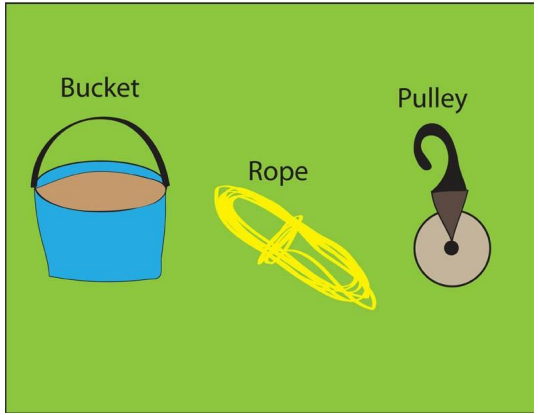


Cement Bridge



The longest bridge in India the Bhupen Hazarika setu or Dhola–Sadiya Bridge connects the northeast states of Assam and Arunachal Pradesh. It is 9.15 kms long and spans above Lohit river.





We use a pulley to lift something heavy.



A Pulley

Subtopic and Learning Objective #2

LO: Recognise the various means of transportation.
Correlate the mode of transport with the geography of the land area

Teacher Activity

1. The teacher may carry a map of India with states visible. If the map is not available refer to Resource 2.
2. Perform Activity 3 for introduction of the concept state.
3. After the activity the teacher can explain different methods of transportation used in different states in India. Refer Resource 2 and 3.
4. The teacher can explain why a specific method of transportation is used in a specific region and explain the physical condition of that place. For example:
5. Camel cart is used in Rajasthan as the sand will be hot and camel can bear the heat of the sand.
6. Vallam is used in kerala as there are many water bodies and they are interconnected and shorter than roadways.
7. Children from the snowy area usually take a walk to their school as it is difficult to ride on snow.

Check for understanding:

a) In which place is trolley mostly used?
b) A few kids in Rajasthan use ____ to reach school.(camel cart)
c) In villages the use of ____ is seen frequently. (bullock cart)

Resources Suggested

NCERT textbook, India map

Activity 3

Name of the activity – Identifying states
Type of activity – Individual
Learning Objective: Understand the different states in India
Use it for – Explaining different geographical and physical conditions in India
Materials – Notebook and pencil

Teacher instructions:

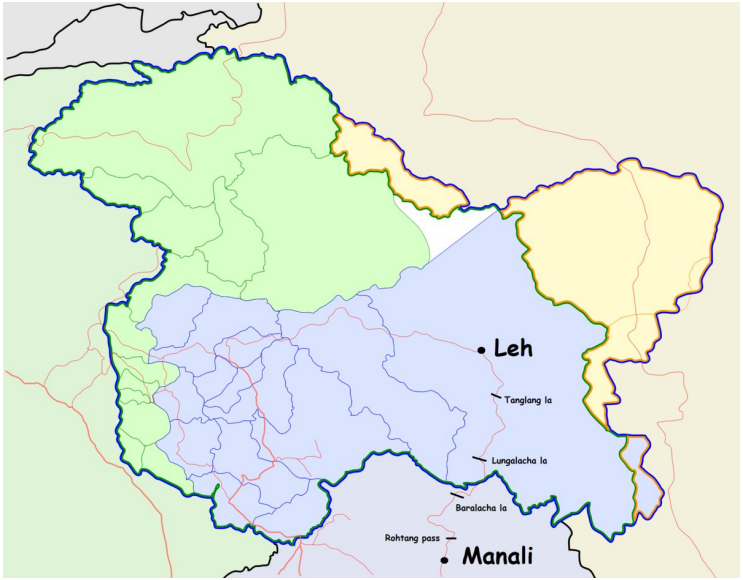
1. The teacher may ask the students a day before to gather information about their hometowns.
2. If the students belong to different states, ask them to collect details from their family member about that place.
3. Ask the student to collect information about the transportation, Physical conditions such as temperature, facilities etc.
4. The student can write a small paragraph about the place in their notebook.
5. The next day, the teacher can make them read it out in the classroom.
6. The teacher can conclude the session by introducing different states and making students locate different states on the map of India.

Resource 2:

Indian Map



Resource 3: Geographical area and mode of transport





Ladakh


KERALA MAP
Kasargod
Bekal
Ezhimala
Mahe
Pondicherry
Wayanad
Kalpetta
Sulthan Bathery
Kappad
Kozhikode
Kottakkal
Malampuzha
Cheruthuruthi
Guruvayoor
Thrissur
Kaladi
Malayattur
Munnar
Kochi
Aluva
(Alwaye)
Devikulam
Idukki
Thekkady
Periyar Wild
Life Sanctuary
Kumarakom
Kottayam
Peermade
Allappuzha
Aranmula
Sabarimala
Ambalapuzha
Pathanamthitta
Palaruvi
Waterfalls
Kollam
(Quilon)
Ponmudi
Varkala
Veli
Thiruvananthapuram
Kovalam



Kerala


GANGANAGAR
HANUMANGARH
BIKANER
CHURU
JHUNJHUNU
SIKAR
ALWAR
BHARATPUR
JAISALMER
NAGAUR
JAIPUR
DAUSA
DHAULPUR
JODHPUR
KARAULI
AJMER
TONK
SAWAI MADHOPUR
BARMER
PALI
BHILWARA
BUNDI
RAJSAMAND
KOTA
BARAN
JALORE
SIROHI
CHITTAURGARH
JHALAWAR
UDAIPUR
PRATAPGARH
DUNGARPUR
BANSWARA



Rajasthan


Banas Kantha
Patan
Kachchh
Surendranagar
Jamnagar
Rajkot
Porbandar
Junagadh
Amreli
Bhavnagar
Bharuch
Narmada
Surat
Dang
Valsad



Gujarat





Uttarakhand

Other methods used







5. WORKSHEETS

Print or copy the worksheet questions on the blackboard and ask the students to attempt them. They can be given as homework or a class test as well.

Worksheet 1

Use it like: Class test, Home assignment, Revision

Fill in the blanks

1. A ____ helps a trolley to move across the rope.
2. Deserts are covered with ____
3. One may slip and fall on _____ snow.
4. ____ does not pass through very thick forests.
5. Some bridges may also have ____.

Worksheet 2

Use it like: A class test, home assignment, revision

Identify the place where it is used:

a. Kerala
b. Gujarat

1. 

2. 

a. Rajasthan
b. Kerala

3. 

a. Rajasthan
b. Gujarat

4. Name any four animals used as means of transport.
5. Enlist various problems faced by students in rural areas while going to school.

6. SOLUTIONS

This section gives you sample answers for activities and questions listed above.

Worksheet 1

1. Pulley
2. Sand
3. Frozen
4. Sunlight
5. Steps

Worksheet 2

1. Gujarat
2. Kerala
3. Rajasthan
4. Bull, Horse, camel and donkey
5. Many students have to walk on narrow bamboo poles to reach school. Students in jungle areas have to cross thick forest where even sunlight don’t enter. In the hilly areas, students have to cross the frozen snow and the chances of slipping is high

7. EXTRA RESOURCES

Carry out the following suggested activities/ tasks if you have the time and resources to do them

1. **Reference Video links:**

   The students can be suggested to watch the following videos/ shown in class:

   https://www.youtube.com/watch?v=e0zwFPR5OVY

2. **Extension activity 1:**

   Carry out the following suggested activities/ tasks if you have the time and resources to do them

   Purpose: Recall the difficulties faced by kids in different physical conditions

   The teacher may ask the students to try walking on different ground conditions like sandy, rocky, grassy etc. The students can write what precautions need to be taken on different surfaces for movement. They can probably help in suggesting what kind of footwear; sandals/ shoes/ slippers would be appropriate for each