



CHAPTER: REACHING GRANDMOTHER'S HOUSE

Grade: 4

Board: **CBSE**

Book: **NCERT**



1.

Chapter Summary and Placement

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





In the previous chapter, the journey in a train was discussed in details. This chapter introduces classification of vehicles based on the number of wheels, fuel used and based on where it runs: land, water and air.





2.

LEARNING OUTCOMES

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



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- 
1. Discover the various types of vehicles based on the number of wheels
 2. Exemplify vehicles used on land water and air
 3. Analyse how vehicles can be classified based on the fuel used.



3. PREVIOUS KNOWLEDGE REQUIREMENT

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



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- 1) Remember the various methods of transportation discussed in the first chapter



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: Discover the various types of vehicles based the number of wheels

Exemplify the vehicles that is used on land water and air

Analyse how vehicles can be classified based on the fuel used.

Teacher Activity

1. The teacher may start explaining the chapter to the students by refreshing what was learned in the previous chapter.
2. Explain about an autorickshaw, the capacity, the fuel and for what distance we use them.
3. Once completed the teacher can ask the students how they have traveled when they had many people in their group.
4. The intentions of the question is to introduce bus and the seating capacity it has compared to an auto.
5. Once discussion about bus is over, the teacher may ask the students what if they have cross a river or a lake. The teacher should draw their attention to a boat or a ferry.
6. The teacher may also explain the classification of vehicles based on land and water.
7. Perform Activity 1.
8. Perform Activity 2 for understanding the railway time-table

Check for understanding:

- a) What did Omana see on the banks of the river?
- b) List the activities in which people were engaged through the banks of the river.

Resources Suggested

Textbook, chalkboard, Resource 1

Activity 1

Name of the activity – Scrapbook: Vehicles

Type of activity – Individual

Learning Objective: Classification of vehicles based on the land, water and air

Use it for – Analyse the classification.

Materials – Pictures of vehicles

Teacher instructions:

1. The teacher may ask each student to create a scrapbook of vehicles.
2. There should be three division in the scrapbook: land, water and air.
3. Each division should have minimum five and maximum ten images of the vehicles.
4. The student can either draw the image or use paper cutting and stick it.
5. Refer Resource 1.

Activity 2

Name of the activity – Calculating the distance

Type of activity –

Learning Objective: Understanding The details in reservation timetable

Use it for – Recording skills

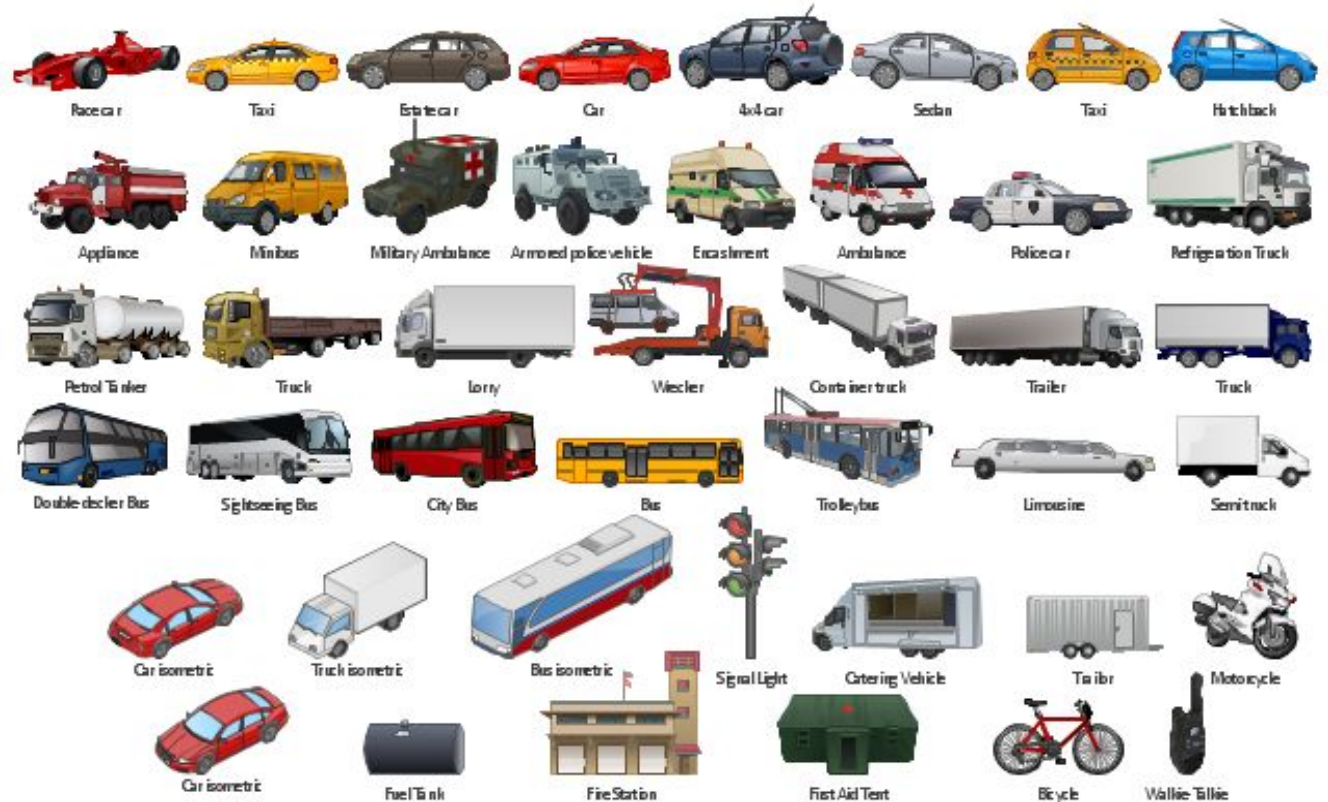
Materials – Reservation time table provided Resource 2

Teacher instructions:

1. The teacher may provide the reservation time table to the student..
2. The teacher can prepare a few questions based on the chart:
 - Where is the train starting from?
 - How long will the train stop in kalyan?
 - How many stations are there between the first and last stop?
 - Which is the first station of the second day?
 - Which is the second station of the third day?
 - Salem is in which state?
 - Gooty belongs to which state?
3. There teacher can help students with the time, if questions are based on time as students of this age will not be knowing to calculate time.
4. The teacher may conclude the session by giving a recap to the whole story of Omana's journey.
5. Refer to Resource 2.

Resource 1:

Road vehicles





Air vehicles

Water vehicles

		
BOAT नाव	YACHT यॉट (पाल नौका)	SHIKARA (FLOATING BOAT) शिकारा
		
MOTOR BOAT मोटर बोट	JET SCOOTER जेट स्कूटर	STEAMER भाप चालित जहाज
		
HOVERCRAFT होवरक्राफ्ट	CRUISE क्रूज	SUBMARINE पनडुब्बी
		
PASSENGER SHIP यात्री जहाज	CARGO SHIP माल वाहक जहाज	WARSHIP युद्धपोत

Resource 2:Mumbai to Coimbatore station list

SNo	Station Code	Station Name	Route Number	Arrival Time	Departure Time	Halt Time(In minutes)	Distance	Day
1	LTT	LOKMANYATILAK T	1	--	22:35	--	0	1
2	TNA	THANE	1	22:53	22:55	2:00	18	1
3	KYN	KALYAN JN	1	23:15	23:18	3:00	38	1
4	PUNE	PUNE JN	1	1:50	1:55	5:00	176	2
5	KWV	KURDUVADI	1	4:33	4:35	2:00	361	2
6	SUR	SOLAPUR JN	1	6:25	6:35	10:00	440	2
7	DUD	DUDHANI	1	7:38	7:40	2:00	503	2
8	GUR	GANAGAPUR ROAD	1	8:08	8:10	2:00	526	2
9	GR	GULBARGA	1	8:45	8:48	3:00	553	2
10	SDB	SHAHABAD	1	9:13	9:15	2:00	579	2

11	WADI	WADI	1	9:55	10:00	5:00	589	2
12	YG	YADGIR	1	10:28	10:30	2:00	628	2
13	KSN	KRISHNA	1	10:59	11:00	1:00	672	2
14	RC	RAICHUR	1	11:38	11:40	2:00	697	2
15	MALM	MANTHRALAYAM RD	1	12:08	12:10	2:00	725	2
16	AD	ADONI	1	12:48	12:50	2:00	766	2
17	GTL	GUNTAKAL JN	1	13:50	14:00	10:00	818	2
18	GY	GOOTY	1	14:28	14:30	2:00	846	2
19	KLU	KALLURU	1	14:58	15:00	2:00	876	2
20	ATP	ANANTAPUR	1	15:33	15:35	2:00	903	2
21	DMM	DHARMAVARAM JN	1	16:45	16:50	5:00	937	2
22	SSPN	SAI P NILAYAM	1	17:26	17:28	2:00	970	2
23	HUP	HINDUPUR	1	18:18	18:20	2:00	1027	2

24	GBD	GAURIBIDANUR	1	18:44	18:45	1:00	1051	2
25	BNCE	BENGALURU EAST	1	21:09	21:10	1:00	1130	2
26	SBC	KSR BENGALURU	1	21:50	22:10	20:00	1137	2
27	BNC	BENGALURU CANT	1	22:20	22:22	2:00	1142	2
28	HSRA	HOSUR	1	23:14	23:15	1:00	1197	2
29	DPJ	DHARMAPURI	1	0:43	0:45	2:00	1289	3
30	OML	OMALUR	1	3:09	3:10	1:00	1344	3
31	SA	SALEM JN	1	3:35	3:40	5:00	1355	3
32	ED	ERODE JN	1	4:40	4:45	5:00	1418	3
33	TUP	TIRUPPUR	1	5:28	5:30	2:00	1468	3
34	CBE	COIMBATORE JN	1	7:15	--	--	1518	3



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

1. Observe the picture given below, pick out and write the name of the vehicles that Omana used to reach her grandmother's house



2. Omana saw many _____ trees on the banks of the river.
3. At last Omana's family used ____ to reach her Ammumma's place.
4. Omana got off at ____ station.
5. A _____ gives details about the route of every train

Worksheet 2

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

State whether true or false:

1. Omana's grandmother's house is situated in an island : ____.
2. Platform ticket is enough for us to travel in train: ____.
3. Omana's family started their journey from Madgaon station: ____
4. Sunil and Ann got off at Kozhikode: ____
5. Railway timetable has arrival and departure time of trains: ____

Worksheet 3

Circle all the land transports

Circle all the land transports.



Truck



Helicopter



Tractor



Glider



Train



Rowboat



Ship



Crane



Motorbike



6. SOLUTIONS

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



Worksheet 1

- a) Auto Rickshaw, Bus, train.
- b) Coconut
- c) Ferry
- d) Kottayam
- e) Railway time table

Worksheet 2

1. True
2. False
3. False
4. True
5. True

Worksheet 3

1. Truck
2. Tractor
3. Train
4. Crane
5. Motorbike



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=BFGtse525UE>

<https://www.youtube.com/watch?v=BZf6frPNrhg>

2. Extension activity 1:

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

Purpose: Recall the whole story of Omana's journey from Ahmedabad till reaching Grandmother's house

Try to create a drawing of the whole journey of Omana. This can be done in groups. Each student will take one activity from Omana's journey and try to draw them. After creating the drawing, make the story complete by place the pictures in the correct order, like a jigsaw puzzle.

3. Extension activity 2:

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

Purpose: Recall your travel experience and create a story keeping Omana's story in mind.

Write your travel experience, like how Omana was keeping a record of what all she did for Radha's reference.