



ENHANCING CIVIC
ENGAGEMENT

TRAFFIC AWARENESS AND ROAD SAFETY

TEACHER'S GUIDEBOOK

Class VIII



**State Council of Educational Research and Training
Government of Goa**

Edition : January, 2018
Revised print : June, 2019
Revised print : June, 2021
Published by : S.C.E.R.T., Government of Goa, Alto-Porvorim
Desh Apnayan Sahayog Foundation, Mumbai
Shantilal Muttha Foundation, Pune

Printer :

© All rights reserved by publisher

Content Lead : Dr. Garima Tailang-Desh Apnayan Sahayog Foundation

Subject Matter Experts and Contributors : Mr. Dharmesh Angle- Dy. Superintendent of Police (Traffic), Goa Police
Mr. Pradeep Velip, Traffic Education Cell, Goa Police
The late. Shri. Gurunath Kelekar, MARG

**Reviewed by-
Goa Teachers** : Mr. Ambrish Marathe, Union High School Sanguem
Mr. Charles Gonsalves, The New Educational Institute, Curchorem
Ms. Anagha Sandeep Warlikar, St. Minchael H/S Taleigao
Mr. Sebastiao D'costa, Holy Cross H/S, Bastora, Bardez
Mr. Suraj Haldankar, Dnyanprassarak Vidyalaya, Mapusa
Mr. Gurudas Sawant, The progress H/S- Panjim
Mr. Amul Nadkarni, Our lady of the Rosary H/S Taleigao

Shantilal Muttha Foundation : Ms. Meghana Desai, Deboshree Bhattacharjee



ENHANCING CIVIC
ENGAGEMENT

TRAFFIC AWARENESS AND ROAD SAFETY

TEACHER'S GUIDEBOOK

Class VIII

Guidebook for teachers which will provide directions to carry out different activities, conduct school events and also provide guidelines to execute community engagement projects

Approved for pilot by -

**State Council of Educational Research and Training (S.C.E.R.T.)
Government of Goa**

Contents

Topic 1 - Traffic awareness and road safety 1

Lesson plan and suggested tools - Concept teaching:

Traffic sense and road safety 1

Activity 1 - Role-play - Zimmedar Kaun? 3

Activity 2 - Guess the hand signal 3

Activity 3 - Recognise and recall 4

Topic 2 - Road and traffic safety for two-wheelers 5

Lesson/Activity plan: Concept teaching -
Road and traffic safety for two wheelers 5

Activity 1 - Success story: Discussion and
letter writing 6

Activity 2 - Research on helmet rules and
penalties in different states 8

Topic 3 - Road safety 9

Lesson/Activity plan: Concept teaching-
Road safety 9

Activity 1 - Write a news story 11

Activity 2 - Research report/chart on traffic
violation penalties in different states 11

Activity 3 - Mock Parliament: Pass the Road
Safety Bill 11

Activity 4 - Group discussion 12

Activity 5 - Be a part of the solution 12

School level events 14

Community engagement projects 16

Topic 1. Traffic awareness and road safety

- 1.1 Roads - Concept and types
- 1.2 Traffic signal and traffic lights
- 1.3 Road signs - Mandatory, cautionary and informatory signs
- 1.4 Hand signals
- 1.5 Road markings

Expected outcomes

At student level -

The students will be able to -

1. Students will acquire knowledge and understanding of the road traffic, transport environment, signals and traffic signs.
2. Students will get familiar with digital apps available for traffic management.

At school level -

The school will be able to -

1. Create awareness about traffic rules, signals, safe pedestrian practices, types of roads and road markings, traffic police hand signals, etc.
2. Impart the knowledge and perspective about the rules of the road

Lesson plan and suggested tools - Concept teaching: Traffic sense and road safety

Time	Activities	Resources/TLM
5 min	Step 1- Brainstorming Ask the students- <ol style="list-style-type: none">a. What do you know about roads? What are the types of roads you have seen?b. How necessary are rules for the roads?c. What if there were no rules for the roads? Would you be able to travel safely?d. What do you know about traffic signals, lights, road signs and markings?	Blackboard

	<p>e. Do you understand the meaning of different hand signals used by the Traffic police?</p> <p>Engage students in a discussion with the above probing questions.</p>	
2 periods	<p>Step 2: Concept teaching - (Refer to information book)</p> <p>Topic 1 - Traffic sense and road safety</p> <p>1.1 Roads - Concept and types</p> <p>1.2 Traffic signal and traffic lights</p> <p>1.3 Road signs - Mandatory, cautionary and informatory signs</p> <p>1.4 Hand signals</p> <p>1.5 Road markings</p> <p>a. Describe in detail each topic for knowledge and clear understanding.</p> <p>b. Taking forward the discussion from the brainstorming session, try to give as many examples as possible.</p>	Verbal discussion + handouts + information book
20 min	<p>Step 3: Group exercise -</p> <p>a. Divide the class into three groups.</p> <p>b. Ask each group to discuss and make charts on the following topics -</p> <p>i. Road markings with their meanings</p> <p>ii. Traffic hand signals</p> <p>iii. Road signs</p>	Chart paper
15-20 min	<p>Step 4: Presentation -</p> <p>Display the charts one by one, and then ask the representative of each group to present. Let other groups ask questions on the topic.</p>	Chart
5 min	<p>Step 5: Revision -</p> <p>Revise the final charts verbally in the classroom.</p>	Verbal recap

Classroom activities

Activity 1 - Role-play - *Zimmedar kaun?*

TLM: Role-play + verbal discussion

Time required : 1 period

Steps for activity -

1. The teacher needs to divide the students into five groups and give them scenarios for road traffic problems like -
 - a. Accidents due to rash driving
 - b. Fights among citizens for parking space
 - c. Bypassing traffic lights
 - d. Not wearing a helmet/seat belt while driving
 - e. Drinking and driving
2. Ask each group to think about all the scenarios and prepare a short role-play by including the common behaviour of people and the consequences of such behaviour.
3. Ask them to make the role-play impressive and attractive and present in the classroom.
4. After the role-play of one group, other groups need to give answers to the question - "*Zimmedar kaun?*"

After the completion of this activity, discuss jointly - what are the reasons for breaking traffic rules on roads? How can we prevent such incidents? How can you, as a young citizen, contribute to regularising traffic and ensuring road safety?

Activity 2 - Guess the hand signal

TLM: Game

Time required : 20 minutes

Steps for activity -

1. Divide the class into three groups and allocate three hand signals each to all three groups.
2. Do not disclose any signal in front of the other groups.
3. Now, the representative of each group will come forward and demonstrate all three hand signals in front of the class. No whispering or sound is allowed from the members of the same group.
4. The other two groups will identify the demonstrated signals and explain their meanings.
5. After the game is over, ask the students to solve the worksheet in the students' activity book. (**Worksheet 2: Traffic hand signal quiz**)

Activity 3 - Recognise and recall

TLM: Observation + presentation

Time required : 1 period

Steps for activity -

1. Assign the students the task of watching the road signs on their way to school for the next two days.
2. On the third day, they need to prepare a list and show in the classroom.
3. Ask them to present the signs and explain their meanings.
4. Discuss in groups about the similarity and differences in the signs.
5. Note down all the signs with their meanings in the activity book. (**Worksheet 1: Road signs and their meanings**)

Topic 2. Road and traffic safety for two-wheelers

2.1 Safety precautions while driving a two-wheeler

2.2 Using a helmet

Expected outcomes

At student level -

The students will be able to -

1. Start developing and adopting safety practices and procedures on the road when they'll reach the legal age of driving
2. Become aware of traffic rules and acquire knowledge of safety precautions for two-wheeler driving

At school level -

The school will be able to -

1. Make the students realise the significance of road safety behaviour and also make them aware of safe driving practices beforehand

Lesson/Activity plan: Concept teaching - Road and traffic safety for two-wheelers

Time	Activities	Resources/TLM
5 min	Step 1: Brainstorming - Ask the students- <ol style="list-style-type: none">a. What do you understand by 'Safe driving'?b. What do you think is the eligibility and age of driving a two-wheeler?c. Why is it not safe to drive a two-wheeler without wearing a helmet?d. What are the dos and don'ts of two-wheeler riding? Engage students in a healthy discussion with the above probing questions. (Do not discuss further if the children get scared with a particular incident.)	Blackboard + verbal discussion
1 period	Step 2: Concept teaching - (Refer to information book) Topic 2 - Road and traffic safety for two-wheelers	Verbal discussion + information book

	<p>2.1 Safety precautions while driving a two wheeler</p> <p>2.2 Using a helmet</p> <p>Discuss and explain the safety precautions to be taken while driving two-wheelers, the procedure of wearing a helmet, dos and don'ts of two-wheeler riding, etc.</p>	
15 min	<p>Step 3: Group activity</p> <ol style="list-style-type: none"> Divide the class into two groups. Divide the blackboard into two sections and write "Dos" and "Don'ts". Ask each group to share one rule for each section, one by one. Avoid duplication. Write all the dos and don'ts described by the students on the blackboard. Fill the remaining points. Revise the pointers listed on the blackboard with the students. 	Blackboard

Classroom activities

Activity 1 - Success story: Discussion and letter writing

TLM/Resources: Handout + discussion

Time required : 1 period

There is a 'No helmet, no petrol' rule in this Kerala district. Meet the policeman who made it work.

Employees at the three petrol bunks that fall under the jurisdiction of the Kannapuram police station in Kannur district of Kerala, refuse petrol to all two-wheeler riders who come in without wearing a helmet. This initiative, suggested by sub-inspector Binu Mohan, is a



part of the very effective Navjeevan project that is currently underway on a pilot basis in Kannur. "The petrol bunk owners and employees are also cooperating and that has contributed to the success so far," says the sub-inspector.

Steps for activity -

1. Explain and discuss the story with the students and ask questions like-
 - a. What inspires you about this initiative?
 - b. Despite laws and penalties, why don't people follow the rules?
 - c. What else can be done by the Traffic police to regulate such violations?
 - d. How can you as students spread awareness for helmet usage in your community?

Conduct a healthy and open discussion. Then, ask the students to write a letter to the Traffic police with suggestions to implement and mandate the helmet rule in Goa. **(Student's activity book: Activity 1 - Success story: Discussion and letter writing)**

Activity 2 - Research on helmet rules and penalties in different states

TLM: Research + PPT + Discussion

Time required : 1 period

Steps for activity -

1. Ask the students to collect facts on helmet rules for riders and pillion riders in different states of India.
2. Also, collect data on penalties or fines for breaking the helmet rule.
3. Prepare a PowerPoint presentation/chart and present in class.
4. Select at least five states for your presentation.
E.g.:



SAFETY FIRST

- Under Rule 115 of Delhi Motor Vehicle Rules helmets are optional for women.
- Transport department tells court it is considering amending the rule.
- Delhi traffic police chief Satyendra Garg had posted on Facebook that helmets must be compulsory for women.

IN OTHER CITIES ACROSS INDIA

NOIDA: Not compulsory for pillion riders – men or women – to wear helmets

GURGAON: Not mandatory for women to wear helmets

KOLKATA, PATNA: Must for both men and women. Exception for Sikhs

KOCHI/THIRUVANANTHAPURAM: Must for both men and women to wear helmets. But lately enforcement has grown lax

LUCKNOW, BANGALORE AND MUMBAI: Helmets mandatory only for riders

BHOPAL: Mandatory for riders but even they don't follow the rules

PUNE, CHENNAI: Mandatory for rider but they don't follow the rules

Source: <https://qph.ec.quoracdn.net/main-qimg-dc34a79f24d98af92247dde839133ba2-c>

Student's activity book worksheets:

1. News analysis report

Topic 3. Road safety

3.1 Importance of road safety education

3.2 Traffic and road safety issues

3.3 Policies and laws

3.4 Features of Motor Vehicle (Amendment) Bill 2016

Expected outcomes

At student level -

The students will be able to -

1. Become aware of policies and laws
2. Start behaving in a responsible manner for road safety
3. Start expressing opinions and taking a stand on the rights and wrongs of policies and laws
4. Take an active role in assessing and promoting change in local road transport systems

At school level -

The school will be able to -

1. Develop an understanding of law and policies and importance of public opinion
2. Facilitate responsible behaviour among the students to maintain traffic rules and laws

Lesson/Activity plan: Concept teaching - Road safety

Time	Activities	Resources/TLM
5 min	<p>Step 1: Brainstorming -</p> <p>Ask the students -</p> <ol style="list-style-type: none">a. What do you understand by 'Safety on roads'?b. Which safety precautions are necessary for you?c. What are the different laws and policies of road safety in India and other countries? <p>Engage students in a healthy discussion with the above probing questions. (Do not discuss further if children get scared with a particular incident.)</p>	Blackboard

2 periods	<p>Step 2: Concept teaching - (Refer to Information book)</p> <p>Topic 3 - Road safety</p> <ul style="list-style-type: none"> 3.1 Importance of road safety education 3.2 Traffic and road safety issues 3.3 Policies and laws 3.4 Features of Motor Vehicle (Amendment) Bill 2016 <p>Discuss and explain the rules for the importance of road safety, what the government is doing to make this more effective, the best practices in other countries, the basic benefits of Motor Vehicle amendment bill for road users, etc.</p>	Verbal discussion + information book
1 period	<p>Step 3: Presentation (PPT)</p> <ul style="list-style-type: none"> a. Ask the students to choose one of the following topics, do research, and prepare a short presentation - <ul style="list-style-type: none"> 1. NGOs working for road safety in India - their programmes and reach 2. Policies and laws for road safety in India and different countries 3. Main features of the Road Safety (Amendment) Bill 2016 and changes in fines and punishment 4. Inspirational stories of local heroes who are contributing to road safety in India 5. Digital apps for road safety/helpline/traffic police system b. Ask them to use pictures and facts from news reports also c. Give two days' time to prepare. d. Allow them to present in the classroom. e. Appreciate all the students for their efforts. 	PPT

Classroom activities

Activity 1 - Write a news story

TLM: Newspaper articles

**Time required : 2 days to collect facts
and 1 period to write a news story**

Steps for activity -

1. Ask the students to collect last week's newspapers and read any news report on road safety/road accident/traffic issues in Goa or anywhere else in the country.
2. Collect all the material from the newspapers and write a story about that road accident or traffic problem. **(Activity book: Record sheet: Activity 1 - Write a news story here)**
3. Give solutions to control these issues in your city.

Activity 2 - Research report/chart on traffic violation penalties in different states

TLM: Newspaper articles, websites, charts

**Time required : 2 days to collect
facts and 1 period for presentation**

Steps for activity -

1. Ask the students to select any five states and research on traffic violation fines and punishment in those states.
2. Make a comprehensive chart and present it in class after two days.
3. Give recognition to the best charts.
4. The best charts can be displayed on the school notice board or the school can display them on a rotational basis in all classes.

Activity 3 - Mock Parliament: Pass the Road Safety Bill

TLM: Newspaper, news, websites

**Time required : 2 days to collect fact
and preparation, 1 period for activity**

Steps for activity -

1. Divide the class into two groups as Lok Sabha and Rajya Sabha.
2. Elect the Transport Minister or a group of ministers who will draft the Road Safety Bill and decide penalties for the violation of specific rules.
3. Ask them to prepare the draft bill and present in both houses.
4. Discuss and debate on the bill presented and pass the bill with agreed amendments.

5. Record the main features of your own Road Safety Bill in the Student's activity book. **(Record sheet: Activity 3 - Mock Parliament: Pass the Road Safety Bill)**

(Reference: <http://sites.ndtv.com/roadsafety/why-india-needed-the-road-transport-and-safety-bill-2619/>)

Activity 4 - Group discussion

TLM: Newspaper articles, website links

Time required : 2 days to collect facts and 1 period for discussion

Steps for activity -

“Why India needs the Road Transport and Safety Bill”

1. Refer to the links below and also give printouts to students to prepare for a group discussion -
 - <http://sites.ndtv.com/roadsafety/why-india-needed-the-road-transport-and-safety-bill-2619/>
 - https://en.wikipedia.org/wiki/Road_Transport_and_Safety_Bill
 - <http://sites.ndtv.com/roadsafety/video-details-page/road-safety-bill-the-salient-features-when-will-it-be-passed-445486/>
 - <http://indiatoday.intoday.in/story/motor-vehicles-amendment-bill-2016-passed-lok-sabha/1/925210.html>
 - <http://pib.nic.in/newsite/PrintRelease.aspx?relid=148308>
2. Hold a group discussion in the classroom on the Road Safety Bill, based on the above material.

Activity 5 - Be a part of the solution

TLM: Newspaper articles

Time required : 2 days to collect news reports, 30 minutes or 1 period for letter writing

Steps for activity -

1. Motivate the students to read news reports in the local newspapers about traffic violations in areas near their school.
2. Make a list of the top five reasons for road accidents in Goa.
3. Write a draft letter in the student's activity book, addressing it to the local government bodies and urging them to take suitable action.

4. With the teacher's support, the students need to hand over the letter to the local Municipal body/Traffic police office.
5. Ask the students to be vigilant about the actions taken by the Department and do follow-ups in the next 15 days.

Guidelines to be given to the students for writing the letter-

Your letter should:

- a. Contain all the information about the problem, including the number of people affected, what they have experienced, and how long the problem has been going on
- b. Contain all the information about the steps you have taken to solve the problem at your end, if any
- c. Explain what your school/club demands. Be as specific as you can, for example, there is no Traffic police within a radius of 5 km from school and people are breaking traffic rules
- d. Give a reasonable time for delivery of these services
- e. Ask for a response within a specific date

If the councillor or officials you report the problem to do not respond within a reasonable time, or their response is not helpful, go to the officials higher up in the structure. Ask for the supervisor, manager or another responsible person and make the complaint again.

If, as a result of your letter, the government officials or politicians ask you to meet them, attend the meeting along with the teacher/Headmaster. Do the following before your meeting:

1. Hold a meeting with the community.
2. Decide what your demands are.
3. Decide what is a reasonable amount of time for the government to complete the required actions.
4. Decide who will speak on behalf of the group/school.
5. Include the teacher or Headmaster in these community meetings.

Student's activity book worksheets:

1. Your views on "Roads safety education - Need in India"

School-level events

1. Demonstrate the traffic rules

The students need to prepare a dummy model to teach the younger students about traffic signals and road signals. Ask them to present to the primary-section classes in the school assembly, discussing the significance of these signals.

2. Thanksgiving Day for drivers and conductors

To show gratitude and respect to the school bus drivers and conductors, the school can celebrate a Thanksgiving day in which students can perform role-plays on road safety, display videos on traffic rules and speed limits, etc.

3. Guest speaker

- a. Call an official from the RTO to educate children about licence requirements, age, testing, etc. Keep this session interactive for children to understand the licensing process.
- b. Invite a traffic police official to organise an interactive session with the children to teach them about safety measures, general rules, dos and don'ts for the pedestrians, etc. Encourage the participation of as many students as possible.
- c. Call a medical officer to your school to educate students on first aid support to accident victims.

4. Road Safety Club/RSP (Road Safety Police)/Little cop

- a. Students of all grades can take part in Road Safety Club.
- b. Call for participation from students on a voluntary basis.
- c. Start a structured road safety club. Appoint a President, Vice President, secretary and other members to run various club activities.
- d. Ensure monthly meetings of the club members to decide the following month's activities on road safety awareness.
- e. Club members can also take charge to provide monthly reports to the school Headmaster.
- f. Publish the club activities in your school annual reports and local newspapers.
- g. Club members can also select some informational news stories and research reports on road safety practices in India and other countries. They can speak about these reports for five minutes in the school assembly.

Road Safety Police/Little cop - Students can become volunteers for traffic control for a week. They can accompany the local Traffic police to manage the traffic near the traffic lights and display safety slogans or placards. They can also run a signature campaign on road safety behaviour and seek participation from the general public. They can run a rally near traffic signals and community places. The school can also arrange for Traffic police uniforms for these volunteers. Publish the story in local newspapers too.

5. Road safety week

1. The school can decorate one of the corridors for a week with the theme "Road safety" and also conduct different activities and events to spread awareness amongst children and parents. For example -
 - a. Develop road safety badges and distribute to the parents.
 - b. Road safety leaflets can be distributed to the travellers on the road.
 - c. Senior students explain to the commuters the methods and necessity of road safety, for example, the usage of helmets and seat belts while driving on the road.
 - d. Various painting and drawing competitions on this theme
 - e. Road safety exhibitions
 - f. Road rules test/quiz
 - g. Debates on road safety can be broadcast on the All India Radio
 - h. Training for school drivers on road safety rules
 - i. Free medical check-up camps can be organised for the bus drivers to encourage them to move towards road safety and health

Community engagement projects

1. Role play on causes of road accidents

Students can conduct role plays in the community for road safety awareness.

2. Signature campaign

The students can write simple traffic rules on a chart and display them in a community area like the market place, park, etc.

1. *"I'll maintain speed limit while driving".*
2. *"I won't jump red lights".*
3. *"I won't use the mobile phone while driving".*
4. *"I will wear a helmet and seat belt while driving".*

They can take signatures of adults in that geographic area on a specific day in order to encourage them to follow traffic rules.



