

STANDARD THREE TERM - I VOLUME 2

MATHEMATICS SCIENCE SOCIAL SCIENCE

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Department Of School Education

Untouchability is Inhuman and a Crime

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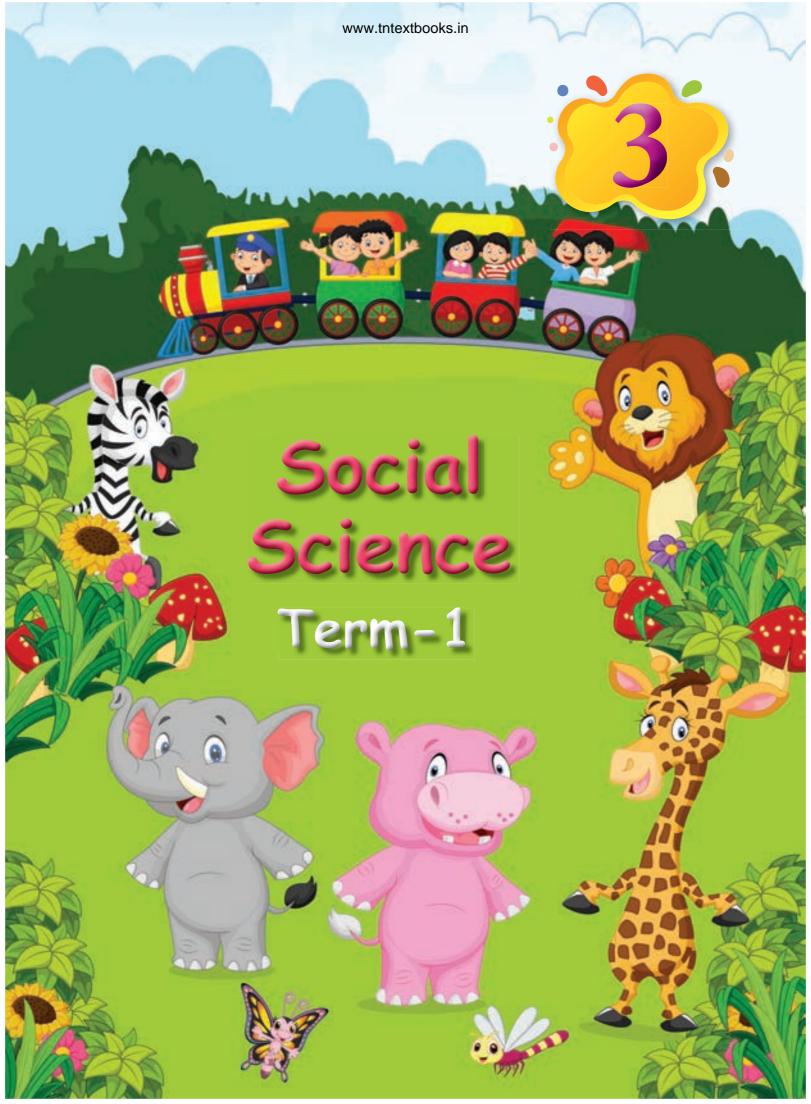
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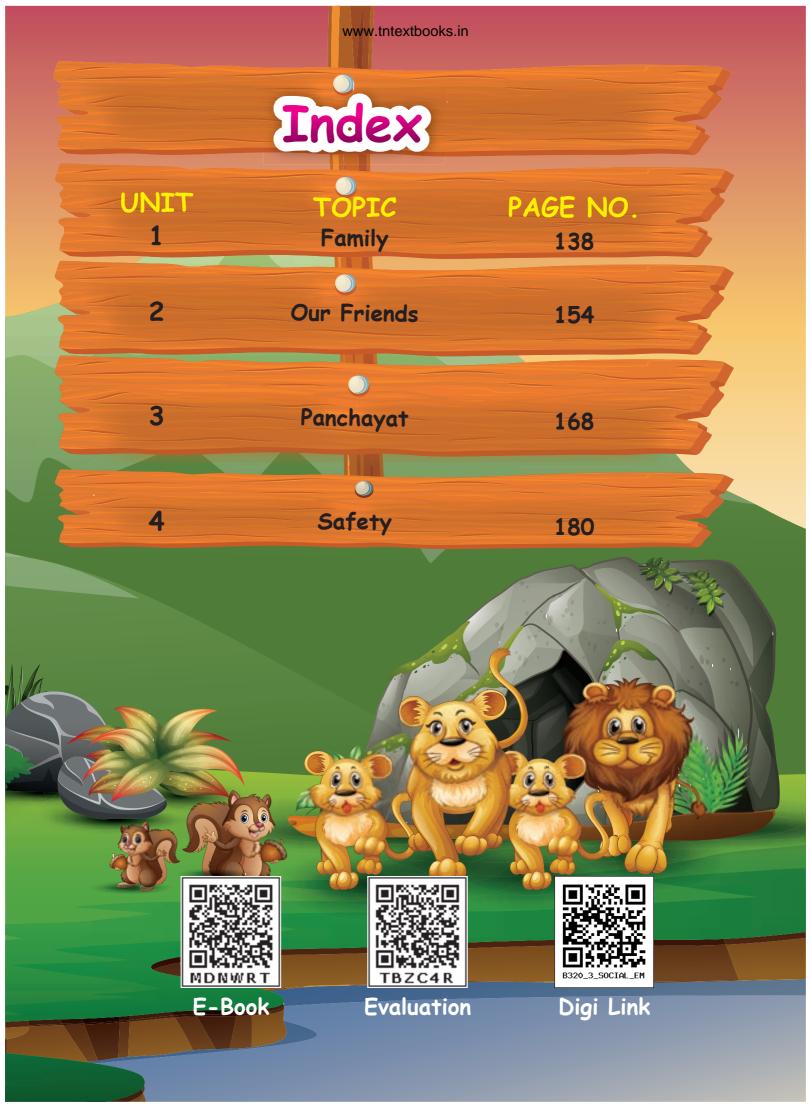
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II



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- Know about the family
- Understand the relationship of family members
- Know about the types of families
- Recognize differences between relations and society
- Understand that family gives feeling of security







(Madhi and Kabir are friends.

Both the friends meet in the market.)







Madhi: Hi! Kabir, It has been so long since we met.

How are you?

Kabir: Yeah, I am so happy to see you, How are you?

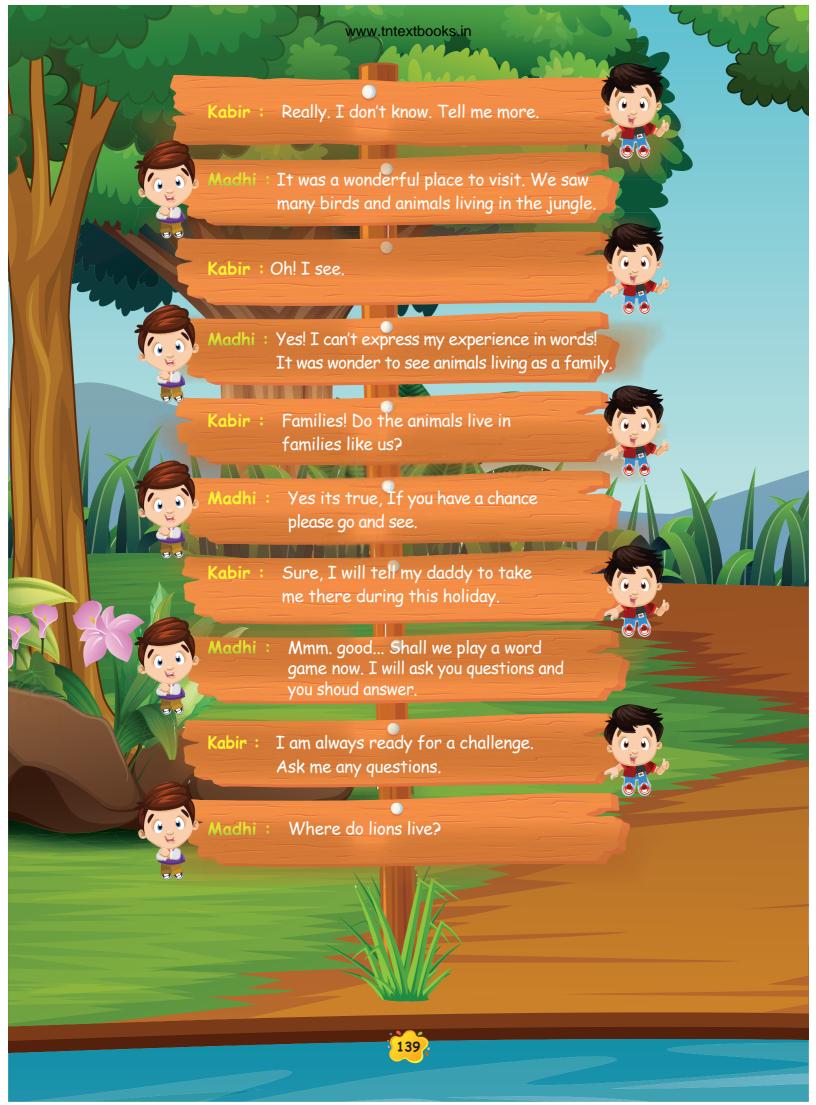




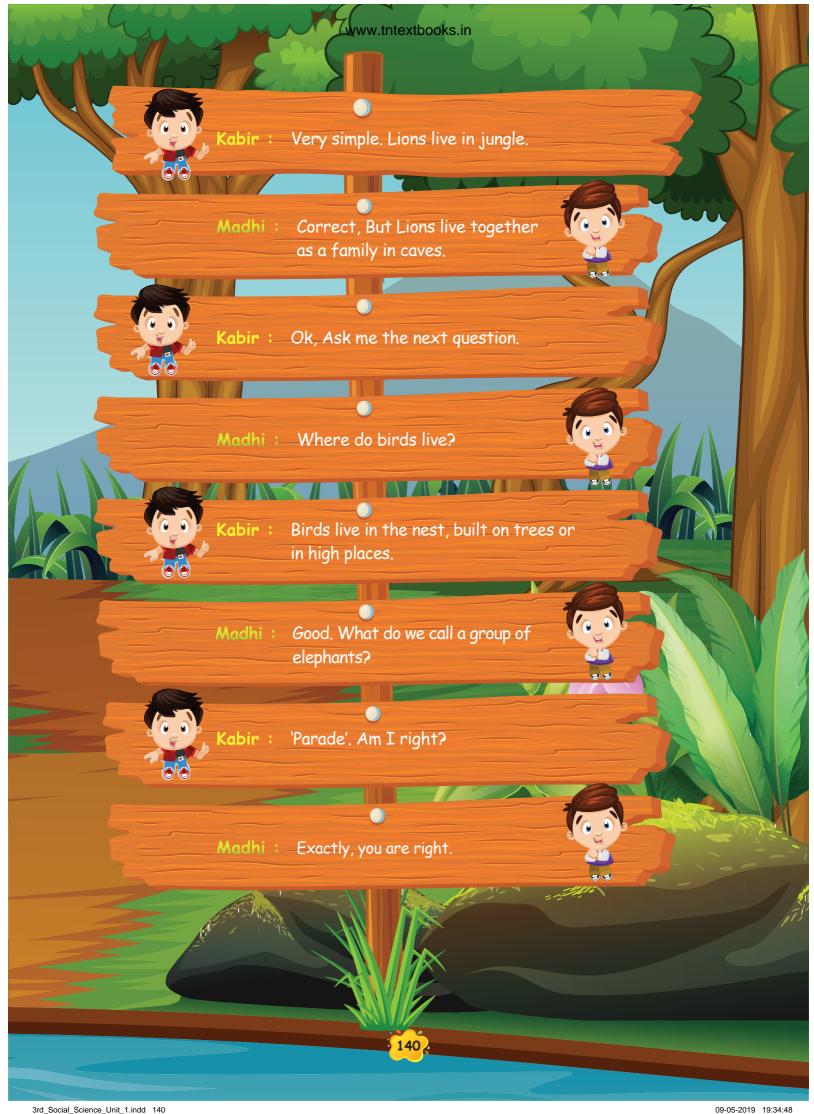
Madhi: Yeah, I'm fine too. Do you know I went on a tour to Nilgiri jungle (Masinagudi) with my uncle.



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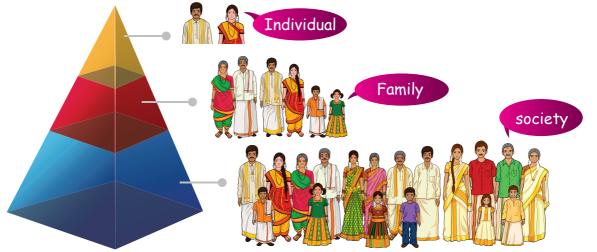


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Our Family

Father, mother, children and other close relations live together in a family.





Individuals together make a family and families together make a society.



People with diversity in language, culture and habits live all over the world in families.



Indian family



Mexican family



Chinese family



African family



Scottish family



Russian family



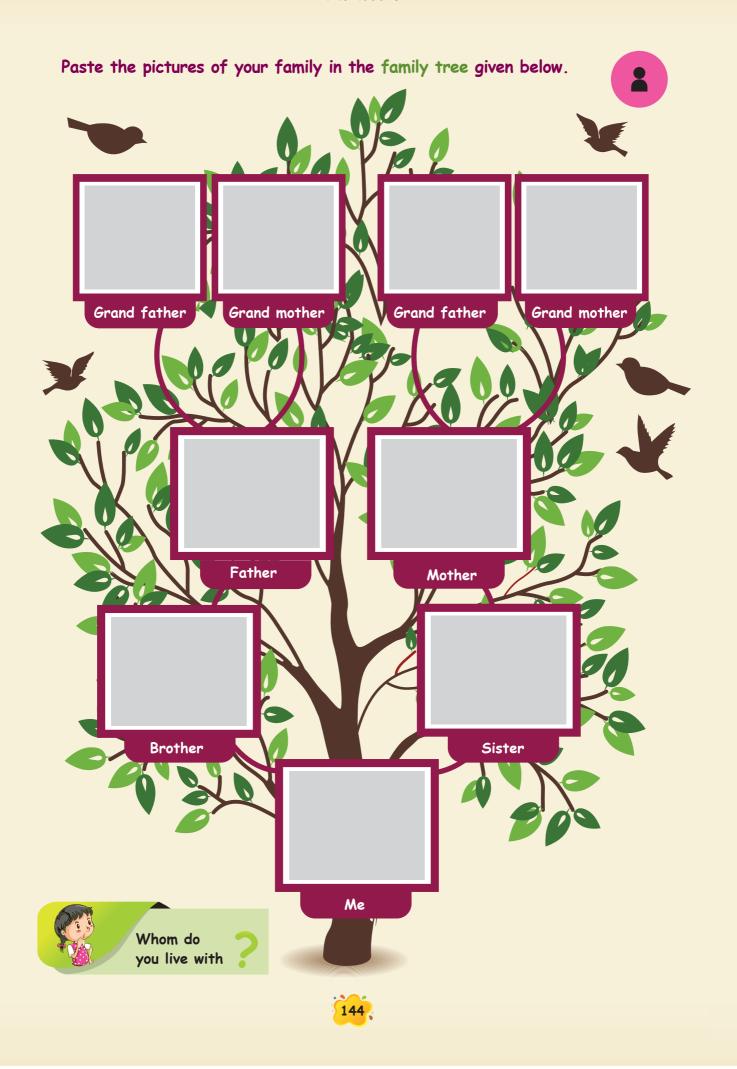
Japanese family



Arab family



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Relations

Maternal Relations

People who are related through our mother are called Maternal Relations

Paternal Relations

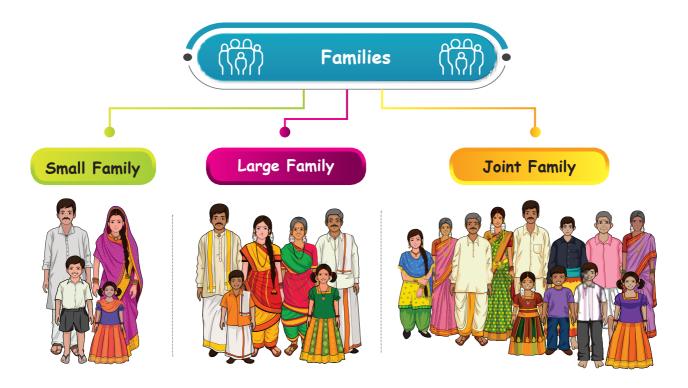
People who are related through our father are called Paternal Relations

ACTIVITY Let us write	List the names Maternal relat Paternal relat your family.	tions and	
Maternal relations		Paternal relations	
			_



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Types of families



What do you see in the pictures above?

- In the first picture only mother, father and children are seen.

 This type of family is called a small family. or nuclear family.
- In the second picture along with father, mother and children we can see other family members too. This type of family is called a large family. or extended family.
- The family in picture three is very big. Two or three generations live together. This type of family is called a **Joint family**.



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Special values of the family

Family fulfill our basic needs like food, dress and shelter. Family is like a beginning school for the development of physical, mental and moral growth of a person. There are several values that bind the family members together.	
Such values are Affection Respect Protection Sharing	
ACTIVITY Let us write List out the other values that bind the family members together. Tolerance	

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Unity of the family

It is good to work together than to do it alone. This way work load will be reduced and relations will be strengthened. This will help with the **Unity of the family**.



As children it is good to do our work by ourselves. It is better to manage and keep our things in the right place. This not only makes us disciplined but also help us to save time as we have to search for things.



How do you manage your things? Discuss with your friend.



Our - Relations

Apart from our family members distant relations too come to our house. All the members meet during family festivals. When they come to our house we should welcome them. We should talk with them and help them with their needs. This is the way to respect them. Hospitality towards guest is the best value among Tamilians. This strengthens our relationship.

How do you call your relations?

- 1 Mother's mother _____
- 2 Father's father _____
- 3 Father's sister _____
- 4 Mother's brother _____



How should you behave when the relations come?





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Out siders

Apart from our relations, other people come to our house. Many **outsiders** like milkman, vegetable vendors, and cylinder supplier also come. We must behave properly with them also.

Neighbours

Many families live near our home. We call them **neighbours**. It is good to keep cordial relations with them. When needed, we must help each other. This value ensures our safety.





Is there any pet animal in your house?





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Budget of the family

Income and Expenditure is the important for any family. We must spend according to our income. Basic needs should be fulfilled first. We must act according to the **budget system**. Economic crisis occur when expenditure exceeds income.

Simplicity is the best policy to be economical in our life.





- Basic unit of the society is family.
- Basic needs like food, dress and shelter are fulfilled by the family.
- Inter dependence of family members help in becoming good citizens and develop harmony.
- Family gives us the values of discipline, morals and the habit of sharing.
- A family must run according to the budget systems to ensure economical security.
- Family helps us to feel safe and secure.





I. Choose the correct answer:-

1. The basic	unit of the society is	3	
a) village		b) town	c) family
2	is one of our	basic needs.	
a) sofa	b	o) shelter	c) car
3. If only fo	ather mother and chil	dren live together is	called
a) small f	amily b)	big family	c) joint family
4	is the best	cultural value of Ta	milians.
a) Hospit	ality b) celeb	orating festivals	c) going to temple
	the family by prepar	ing	is the
best way	to improve economy.		

b) money

c) budget

II. Match the following:-

a) wealth

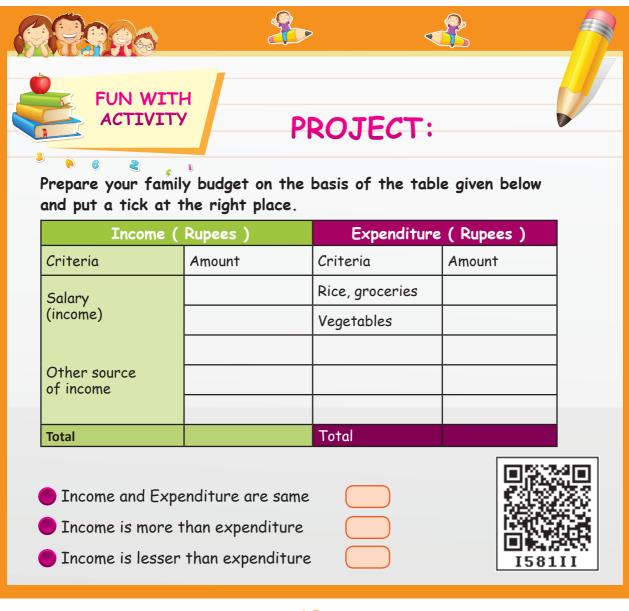
1. Character	-	should live in unity
2. Sharing work	-	uncle
3. Maternal relation	-	vegetable vendors
4. Outsiders	-	improve relationships
5. Neighbours	-	respect

III. True or False:-

1. A family fulfills all our basic needs. ()	
2. Our neighbours are our relatives. (
3. Our economy improves when expenditure exceeds inco	me.()
4. We must keep our things in their respective places.()
5. Simplicity is the best policy for every family.()	

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IV. Answer the following: 1. Write the types of families. 2. What do you mean by joint family? 3. What are the values that we learn from our family? 4. Who are our neighbours? 5. Write a note on 'Budget'.



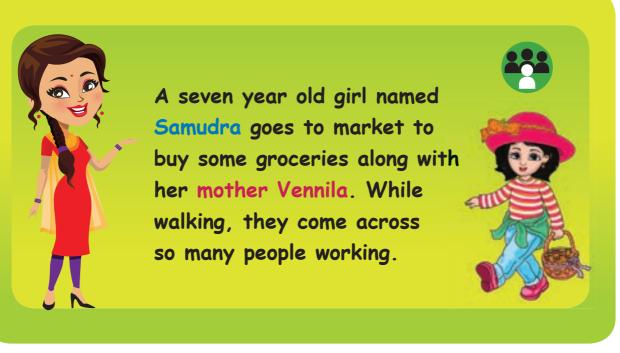
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Mother Vennila: Dear Samudra, keep yourself left and don't go to the centre of road. As we go deep into the market the crowd will increase. Don't run away.





Samudra: Okay Ma, What sound is that? Is that a bell?



Mother: It's the sound of a fire engine. I think a fire accident has occurred somewhere.





Samudra: Is it? Oh my God!



Mother: The bell is a warning to the people on the road. So that they can give way to the fire engine.





Samudra: Why should one give way to it?



Mother: It's an emergency. It has to go fast and reach the spot to save people and their properties.





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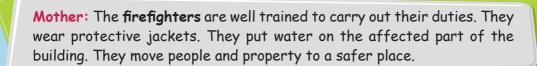
Samudra: How can the vehicle save people?

Mother: I am proud to see that you are curious. The vehicle has many trained firefighters, who save people and properties with the help of water, foam, ladder and other fire extinguishing objects and devices. This vehicle is not only used during fire accidents but can be used in other emergencies or disasters too.





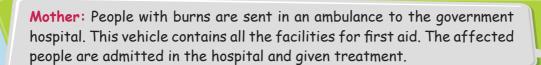
Samudra: Ma...Tell me more about the firefighters. It's amazing. Are they not afraid of fire?







Samudra: How do they save the people who are trapped in fire or are burnt?







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Samudra: Can everyone go in this vehicle?

Mother: This vehicle is meant only for those who are in need of emergency treatment.



Samudra: Emergency treatment?

Mother: It is needed by people whose lives are in danger. Like, People who suffer from heart attack, faint, unable to walk, fall victim to accidents etc...

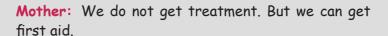




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Samudra: How does one get treatment in this vehicle?







Samudra: First aid?

Mother: First aid is a life saving aid that is given before the actual treatment of a victim. This ambulance contains a doctor, a nurse and all the first aid devices and medicines.





How can one call the ambulance?





Good Samaritan Law

Good Samaritan Law was executed by Central government in the year 2014 to safeguard those who help the victims of accidents and other calamities.

According to this law, any person can help the victim and accompany him/her to the hospital. The person need not reveal his/her name or pay for the victim's treatment. This law was formed, so that any person can come forward to help the people in need without the fear of police, rules and regulations etc.



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Mother: Yes, of course for us.

The roads are laid by **road workers** to make travel easy for the pedestrians and the vehicles.

Ok. Samudra, Look at the either side of this way.





Samudra: Why ma?...What is special?

Mother: Don't you think the green fields are beautiful?





Samudra: Yes. they are. Who are the people working here?



Mother: They are farmers. It is because of them that we are getting food and we remain happy.



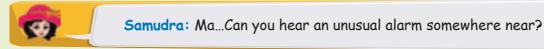
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Samudra: Ma... Can you see that bus

Mother: Yes... Bus is one of our transport service. Like firefighters, farmers, engineers the service of drivers and conductors are also very valuable. They are the people who carry out the transport service efficiently.







Mother: Yes! That, the siren of the police.

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Samudra: Why police? Is something wrong?

Mother: This is the usual visit of the police during the evening in the market. They come here to discipline the crowd as it's higher at this hour. They protect people, their properties and make sure all the rules and regulations are followed by all.





Samudra: Ma...

Mother: What?





Samudra: You once said that our neighbourhood anna (elder brother) is serving in the border. What does it mean?

Mother: He serves in the Indian border as a soldier, fighting to protect the people of our country from invaders. There are many soldiers who defend the country sacrificing their own lives and families. These soldiers together form the Army of the defence force.







Netaji Subash Chandra Bose formed Indian National Army.



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Samudra: Now I remember... Our teacher told about the army yesterday in the class.

Mother: Samudra: Do you know that the service of a teacher is a noble service that enlightens us with knowledge, values and helps people to become good citizens. We have come to the main road, hold my arm.





2









I -----clothes.

I am a -----.



I ----- wall.

I am a -----



I ----- pipes and taps.

I am a -----



I ----- houses and people.

I am a -----.



I ----- electrical appliances.

I am a -----.



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Samudra: Ma... Who is standing in the middle of the road?

Mother: Oh! He is traffic police.





Samudra: Why is he standing there?

Mother: His work is very important because he controls the vehicles coming from all the sides and thus he directs the vehicles and protect the pedestrians.





Samudra: Ma...Look at the gigantic building over there. What building is that?

Mother: That is the Court.





Samudra: Court! What's that?

Mother: Here, all the problems are solved as per the laws(rules) of our country. Judges help in giving justice to the people in various cases. They protect our rights.





Samudra: Ma...Now I understand that all these people whom we came across today are working for us. I feel very proud of them.







Supreme court is the 'Guardian of the Constitution'.

Mother: Samudra, what would you like to become?





Samudra: I too have a wish. I want to study well and seek a good job. At the same time I would look after our garden and field with care.

Mother: At last we have reached our home... Please open the door.





Recap

- Our friends like teacher, doctor, engineer, police are working for us.
- Firefighters save people and properties from fire.
- An engineer gives structure to the building.
- The roads are laid by road workers.
- We are getting food from farmers.
- Soldiers protect our country.
- We should be proud of the people who serve us and our country.

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I. Choose the correct answer from the bracket.

(roads, judge, first aid, doctor, teacher)

- 1. _____ is a lifesaving treatment which is given before the actual treatment to a victim.
- 2. Nurse assists the . .
- 3. _____ giving justice to the people in various cases.
- 4. _____ enlightens us with knowledge.
- 5. Road workers lay ______.

II. Write True or false.

- 1. A tailor stitches the Clothes. (
- 2. An electrician fits pipes and tubes. ()
- 3. Traffic police controls traffic. (
- 4. Doctors protect people and properties. ()
- 5. Supreme court is the guardian of the constitution. (

III. Answer the following:

- 1. Name some people who serve us.
- 2. Who are firefighters?
- 3. What does an engineer do?
- 4. Write about farmers.
- 5. How do the soldiers protect our country?

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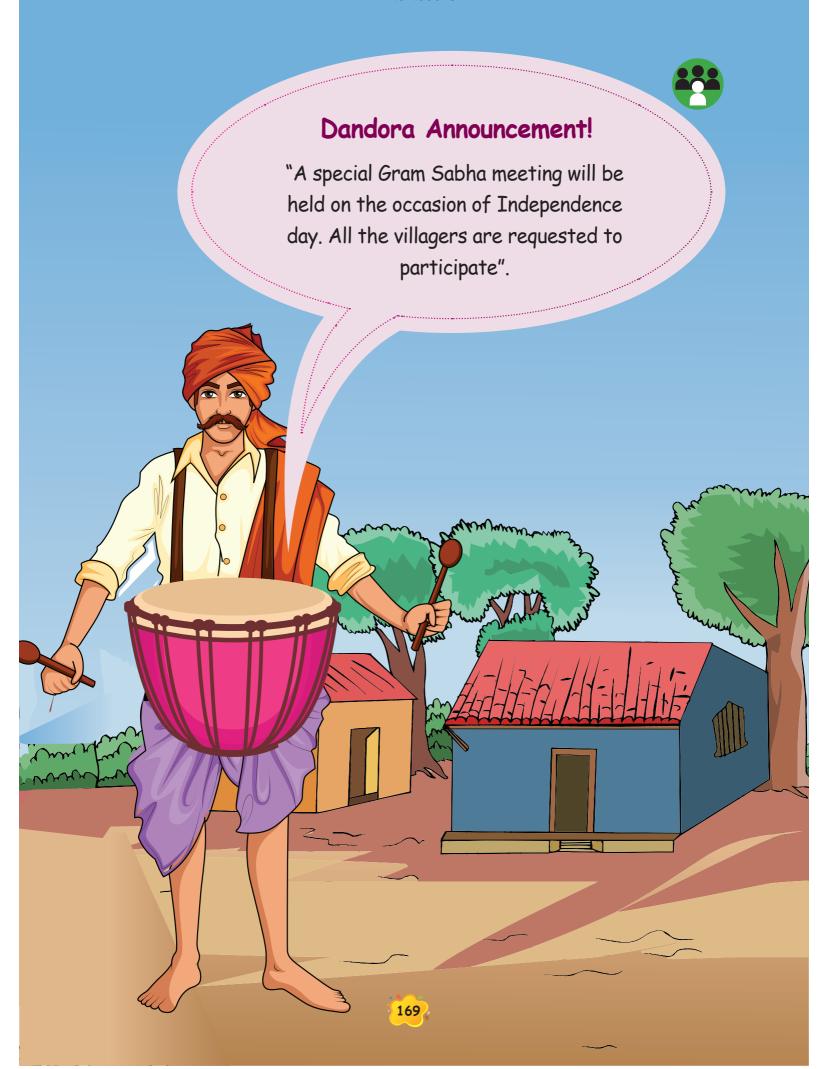
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(After hearing the announcement, Iniyan rushed towards his home)



Iniyan: Dad...what did the dandora announcer say?

Dad: He announced that a special Gram Sabha meeting would be held on the occasion of Independence Day.





Iniyan: What is Gram Sabha meeting? What will they do in the meeting?

Dad: People of our village gather together and discuss about the roles of the Panchayat board.



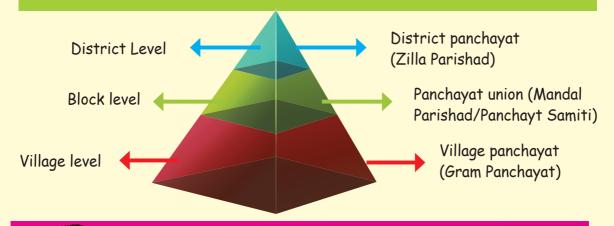


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Dad: I'm so glad you asked. Let me tell you about the Panchayat.

Ours is a vast country. It has town and villages. Therefore, many panchayats must exist. Village Panchayat is the root of Panchayat Raj system. It provides the basic facilities for the village people. The 73rd constitutional Amendment Act was passed by the Parliament in April 1993. The Amendment's salient feature is the three tier system of Panchayat Raj. Panchayats have been set up in every village with 500 people and above.







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Dad: There is a President (head of the Panchayat) and a Vice President along with ward members (6-15).





Iniyan: How the Panchayat members are selected?

Dad: Village people select the president and members through the **election**. There is one electing every five years.





The term "Gram Swaraj" was first introduced by Mahatma Gandhi.













- 1. Write the name of your village panchayat president?
- 2. How many ward members are there in your village panchayat?





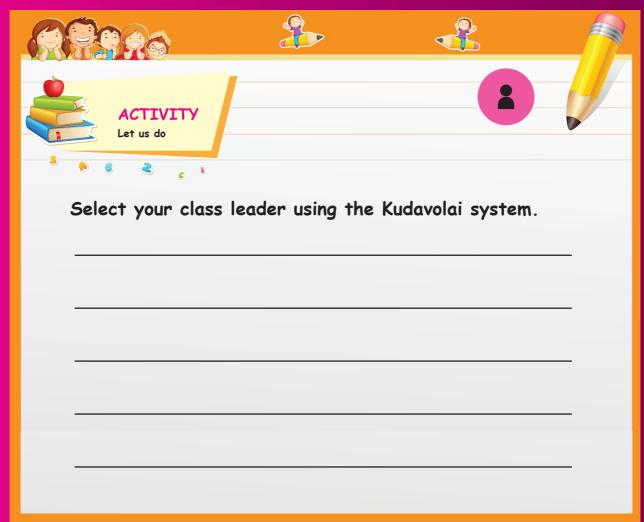
The Uthiramerur inscriptions in Kanchipuram indicate that the Chola Kingdom followed the 'Kudavolai' method to elect candidates for village administration.



Kudavolai is a traditional method of election.

Village people gather and write the names of preferred candidates in palm leaves and kept it in a mud pot called 'Kudam'. The candidate having maximum number of leaves would be elected.





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Iniyan: Dad...What are the duties of these members?

Dad: Their duties is to provide basic needs of the villagers.

The obligatory functions of the Panchayat are:

- 1. Providing electricity and maintaining the street lights.
- 2. Construction and maintenance of village wells.
- 3. Providing drinking water.
- 4. Constructing roads and maintaining them.
- 5. Setting up sewage channels.
- 6. Constructing small bridges.
- 7. Repairing Primary School buildings.
- 8. Providing sanitation facilities.





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Dad: Our central and state government provide money to the panchayat. We pay taxes to panchayat. Panchayat use this money for the development of the village.

Collecting tax is an obligatory function of panchayat.

They do some discretionary functions too... Such as,

- 1. Planting trees in either sides of roads
- 2. Setting up and maintenance of public markets
- 3. Setting up of "Gardens"
- 4. Establishing passenger lodging
- 5. Setting up and maintenance of play ground
- 6. Constructing library
- 7. Establishing centres for informal and adult education
- 8. Organizing festivals in village
- 9. Maintaining the cleanliness of village





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Awards are given to best performing panchayats

An Admiring village

850 houses were built free of cost for the people in Odanthurai Panchayat in Coimbatore. Their Panchayat attained the level of self-sufficiency to provide basic facilities.

This village got the following awards:

- 1. Nirmal Purashkar Award
- 2. Bharat Ratna Rajiv Gandhi Environment Award



Any awards received in your village?

?



Iniyan: Dad... Will you go to the Gram Sabha meeting which will be held tomorrow?

Dad: Sure, I will go. It is important to participate in the Gram sabha meeting to discuss about the village developmental plans and to take remedial measures.





Gram Sabha is the root of democracy.



Meeting must be conducted on following dates.

26th January 15th - August 1st - May 2nd -October

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Duties of Gram Sabha

- 1. Planning and executing village developmental programmes.
- 2. Verifying income and expenditure of village funds.
- 3. Planning to rectify the grievances of the people.

Town Panchayat

These are the same as village panchayats in the towns. Here the population ranges between 5000 to 30,000. The members of the town panchayats are elected in the same way as village panchayat. Their tenure is 5 years. They fulfill the basic requirements of the people of the town.



Recap

- Village panchayat provides the basic facilities for the village people.
- Panchayat Raj is the three tier system.
- Collecting tax is a compulsory duty of panchayat.
- Gram Sabha meeting must be held at least four times a year.
- The members of the town panchayats are elected in the same way as village panchayat.



I. Choose the correct answer:-

1.	Panchayat is a	level government.	
	a. District	b. state	c. village

2. _____introduced the word 'Gram Swaraj'.

a. Kamarajar

b. Mahatma Gandhi

c. Nehru

3. The lower level of the three tier system is _____ panchayat.

a. district

b. block level

c. village

4. Who elects the vice president of the Panchayat?

a. people

b. ward member

c. district collector

5. The tenure of the members of the Panchayat is _____

a. 15 years

b. 10 years

c. 5 years

II. Match the following:-

1. Kudavolai	-	development of plan
2. Gram Panchayat	-	obligatory function
3. Planting trees	-	old system of election
4. Street lights	-	discretionary function
5. Gram Sabha	-	people above 500

III. Answer the following: -

- 1. What is village Panchayat?
- 2. Write a short note on 'Three tier system'.
- 3. Write any three obligatory functions of the panchayat.
- 4. Write any three discretionary functions of village Panchayat?
- 5. When is the Gram Sabha meeting held?

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Our life is very precious and important. In our day - to - day life, accidents may occur in home, school, road and other places. We have to be cautious to protect ourselves from dangers.

We can be safe by knowing the safety measures and following them.





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Reasons for the danger or accident



In our lives, there are accidents caused by fire, water, vehicles, electricity, toxic organisms, sharp weapons and glassware, pesticides etc.









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Fire safety

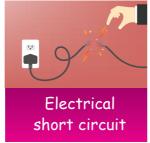
'Fire is the man's marvelous creation'

- Fire can create and destroy the things.
- Fire is used in many ways in our everyday life. We should handle it carefully.

Reasons for fire accidents

Fire accidents can occur in the following ways:











How the forest fire occurs?



Precautions to avoid fire accidents

- 1 We should handle the highly inflammable things carefully.
- The person who cooks can wear cotton clothes. Some types of clothes can easily catch fire.
- We should close the cylinder valve after cooking.
- 4 Don't play with fire.
- We should be cautious and careful while bursting crackers and elders should be with us when we burst crackers.

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What to do during a fire accident?

- Use fire extinguisher.
- Execute fire warning system in buildings.
- 3 Cover your mouth and nose with wet cloth when the smoke spreads.
- Use a sack to put off the fire when it spreads over the body of someone. Bring the person to any airy place.

When your clothes get fire:

- You shouldn't run.
- Drop down and roll on the ground.

(If you run, the fire will spread rapidly)





To inform any fire accident, Dial "101"



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What should you not do?

If there is a burn in your skin,

- You shouldn't put pen ink or coffee powder on it. (If you put, it will infect the burn)
- Don't prick it with sharp things like needles. (If you prick it, it will infect the burn)



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Water Safety

'Water is the elixir of life'

Water is very important in our daily life.

If we violate the safety rules while bathing in lake, river, waterfalls and sea, accidents will occur.







Whenever we take bath in river or pond, we should go with elders. Only if we know to swim we should go for a bath in a river or a pond.

Precautions:

- 1 We should not go alone to bath in water bodies.
- Do not step into the stagnant pond.
- 3 Do not go beyond the danger zone.
- Do not peep into the well. It may be deep and dangerous.
- We have to wear life jacket when we travel in water.





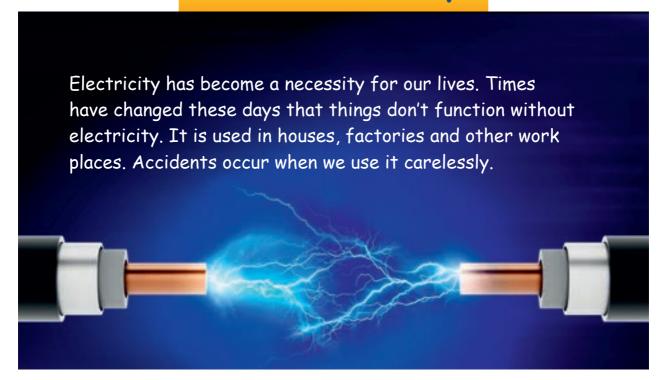






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Electrical safety



Precautions:

- 1 Do not touch switches, plugs or electrical wires with wet hand.
- Do not touch the iron box and other electrical appliances when they are switched on.
- 3 Do not play near electrical towers or transformers.
- Do not climb on electrical posts.
- Do not insert stick or any other objects into the switch boxes.
- Do not go near the wires or electrical posts during rains.









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We should not pour water to extinguish the fire caused by **electrical short circuit**.



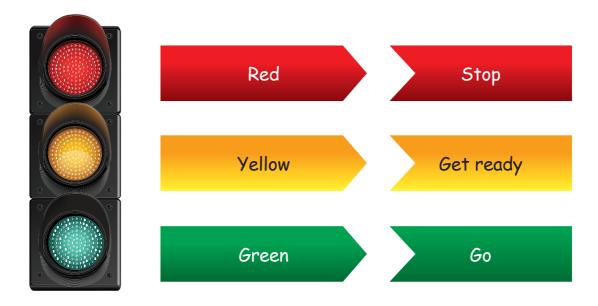
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Road safety

We must be very careful while traveling on any road. The number of vehicles going on the road is increasing. Most of the accidents are caused by carelessness.



Traffic signals for vehicles



To avoid accidents,

- Follow traffic rules.
- We must follow the signals of traffic police.
- Do not rush on the road.
- We should wear seat belt when we travel in a car.
- We should wear helmet while riding a two wheeler.



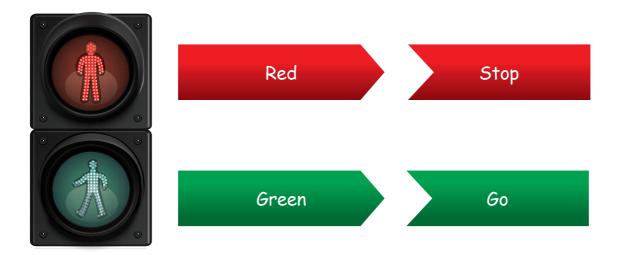


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On the road

- Always walk on the pavement.
- Do not play on the road.
- We should look at the colours of the signal while crossing the road.

Traffic signs for the pedestrians







When crossing the road if there is no **traffic signal**, we have to look at the right, left and right again.



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Zebra Crossing

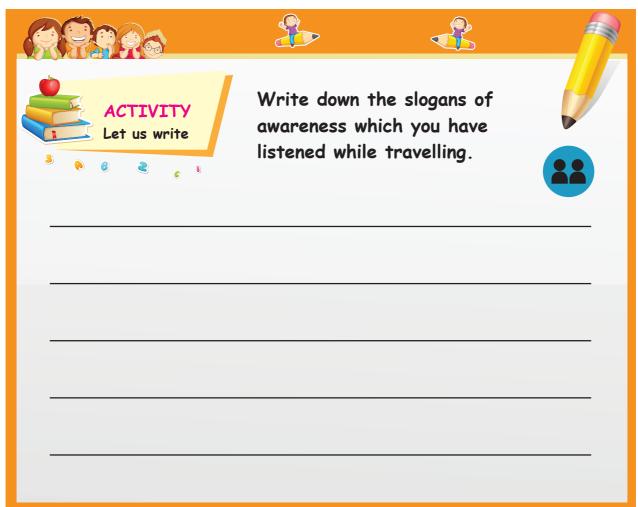
Pedestrians should cross the road only at the **zebra crossing**.

The black and white lines of zebra crossing resembles the skin of zebra.





Let us obey rules!





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Traffic Park

There is a traffic park for children in Birla Planetarium in Chennai.

It is a park in which we can learn the rules of the road. One of the intentions of this park is to improve awareness of traffic safety among school children. There we can learn traffic rules easily.







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Be safe from Toxic organisms



Dangers caused by toxic organisms Symptoms:

- Causes skin redness and itching.
- Causes inflammation of skin.
 (Inflammation occurs in places like eye lid, Ears and lips.)
- Causes headache, vomiting and giddiness.

We can do first aid and then go to the hospital.

Precautions:

- Do not go near bushes.
- Keep the house and surroundings clean.



Snake



Spider



Scorpion





The people who work in plantation can apply the mixture of sesame and paraffin oils. If they do so, the insects won't bite.

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Glasswares and Sharp weapons

- Handle the glasswares and sharp weapons carefully.
- They may cause injuries.





- Our life is precious" If we want to live a healthy life without pain, we need to be cautious.
- Let us, obey the safety rules and live without pain



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I Choose the correct answer from the bracket

- 1. If touched, It will be hot
 If left, it will burn
 What is it? ------
- 2. I use it everyday. I see it during rainy day. What is it? ------
- 3. I spread through lines, but I'm not a climber I help to glow the bulbs.

 Who am I? ------
- 4. He doesn't have legs who slithers and wanders in Jungles.
 Who is he? ------

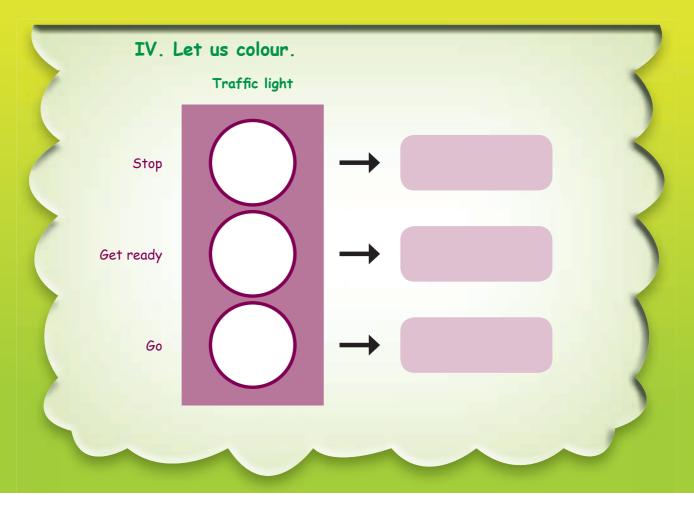
II. Write True or false

- 1. We shouldn't play in the kitchen. ()
- 2. We can go to the deep part of the river to bath. ()
- 3. Never touch the electrical appliances with wet hand. ()
- 4. We should keep the house and surroundings clean. ()
- 5. We can play with glassware. ()

III. Answer the following questions

- 1. Write some factors that can cause accidents.
- 2. What should we do, if our clothes catch fire?
- 3. How should we protect ourselves from accidents caused by electricity?
- 4. Where should we cross the road?
- 5. Mention the names of some toxic organisms.

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