



Contents

UNIT	TITLE	PAGE No.	MONTH
1	Family	117	June
2	Our Friends	132	July
3	Panchayat	146	July & August
4	Safety	158	September





Learning Objectives

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



ZAARGP

DIALOGUE



(**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 fine, thanks. 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.

Kabir : Really. I don't know. Tell me more.



Madhi : It is a wonderful place to visit. We saw many birds and animals living in the jungle.



Kabir : Oh! I see.



Madhi : Yes! I can't express my experience in words! It was wonder to see animals living as a family.



Kabir : Families! Do the animals live in families like us?



Madhi : Yes its true, If you get a chance please go and see.



Kabir : Sure, I will tell my daddy to take me there during this holiday.



Madhi : Mmm. good... Shall we play a word game now? I will ask you questions and you should answer.



Kabir : I am always ready for a challenge. Ask me any questions.



Madhi : Where do lions live?





Kabir : Very simple. Lions live in jungle.



Madhi : Correct, But Lions live together as a family in caves.



Kabir : Ok, Ask me the next question.



Madhi : Where do birds live?



Kabir : Birds live in the nests, built on trees or in high places.



Madhi : Good. What do we call a group of elephants?



Kabir : Herd. Am I right?



Madhi : Exactly, you are right.



Kabir : We learnt that animals live together.



Madhi : Yes, it is true. I'm happy to share my experience with you.

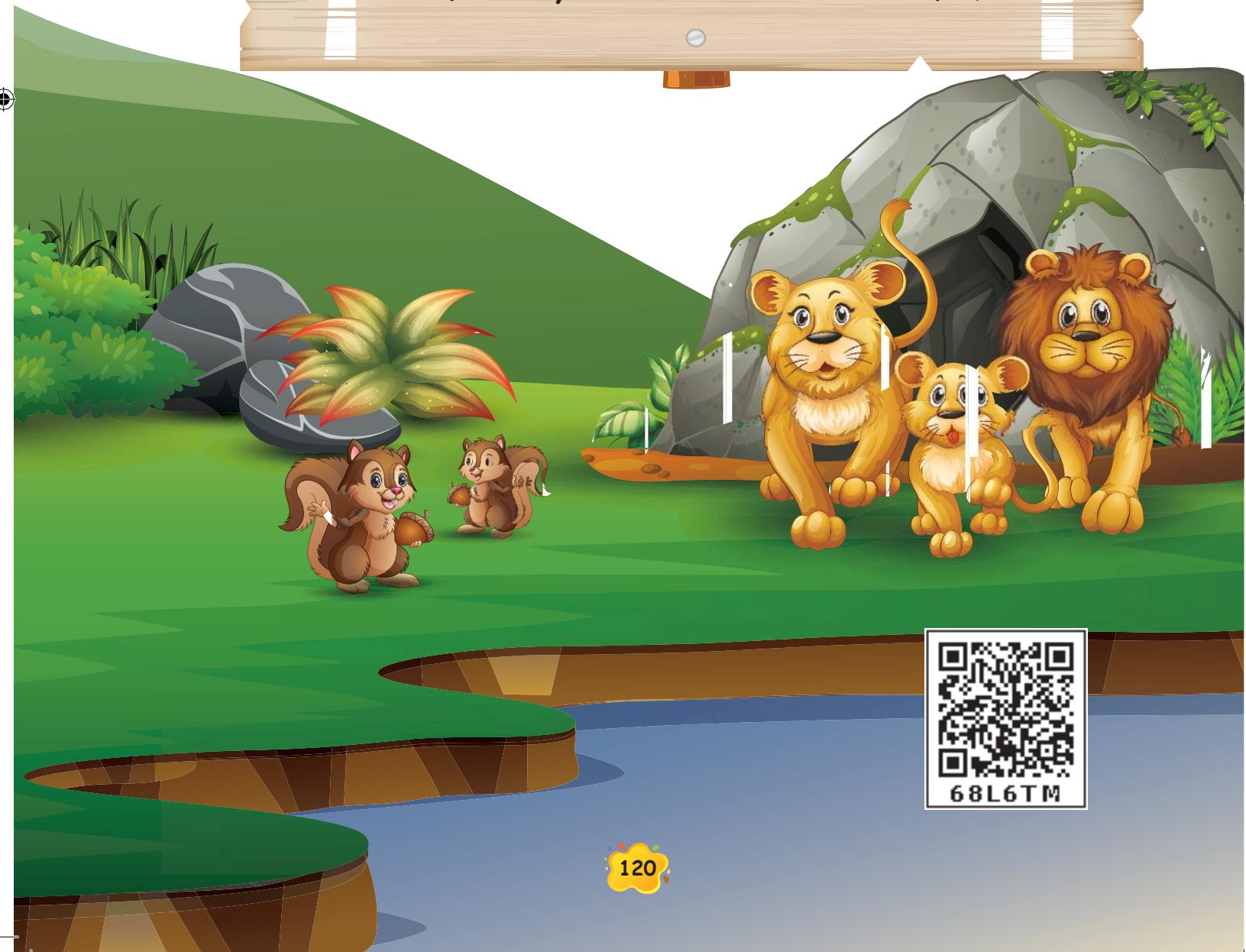


Kabir : Okay! It's time to move.



Madhi : Yes! Let us also join our families.

Dear friends, Let us know about our families.



68L6TM

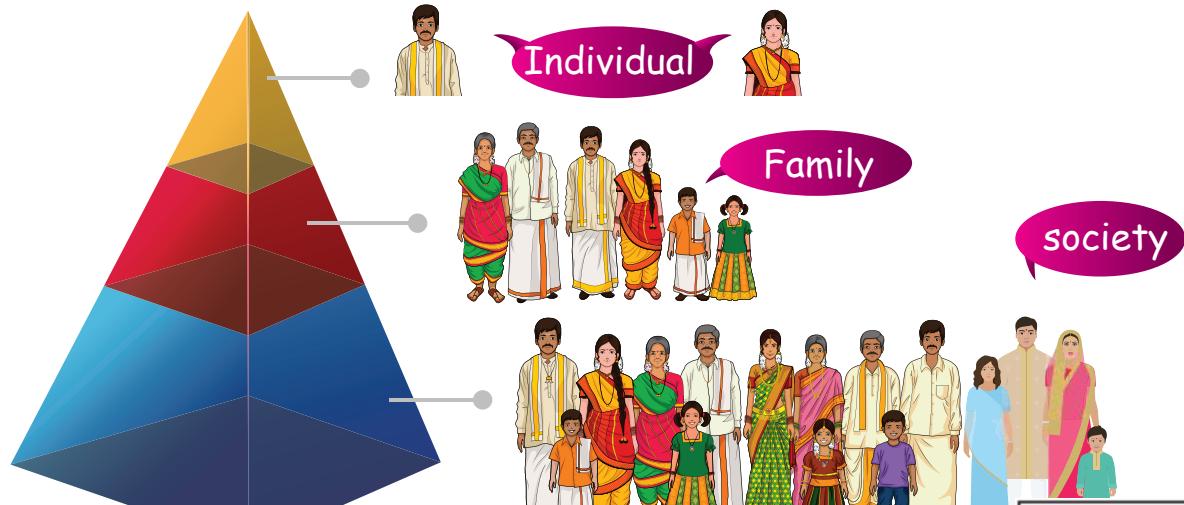


Our Family

Father, mother, children and other close relations live together is called a **family**.



How many families live in your street?



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



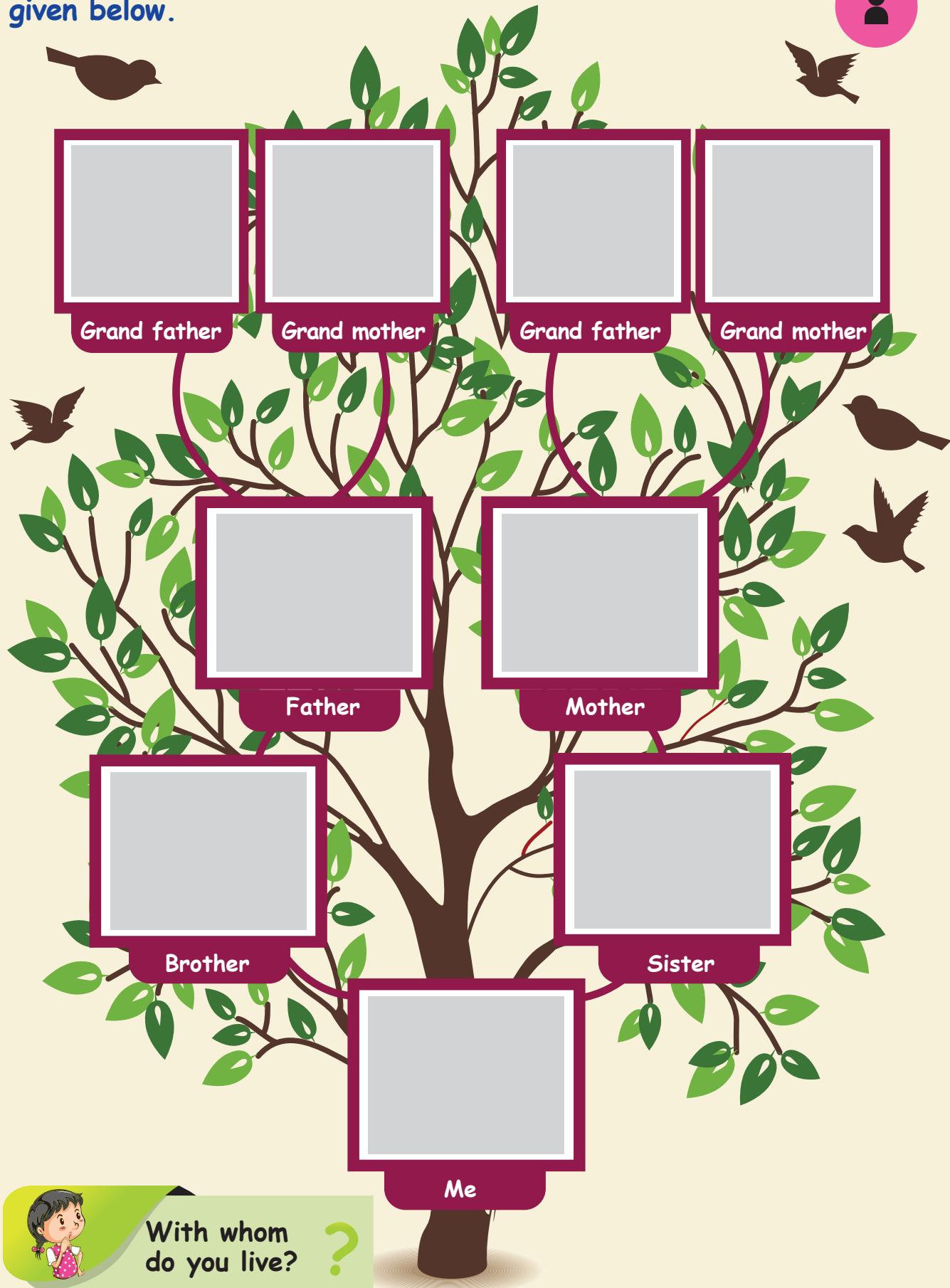
Japanese family



Arab family



Paste the pictures of your family in the family tree given below.





Relations

Maternal Relations

Relations through our mother are called
Maternal Relations

Paternal Relations

Relations through our father are called
Paternal Relations

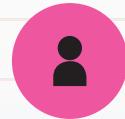


ACTIVITY

Let us write

3 4 5 6 7 8 9

List out the names of your Maternal relations and Paternal relations of your family.

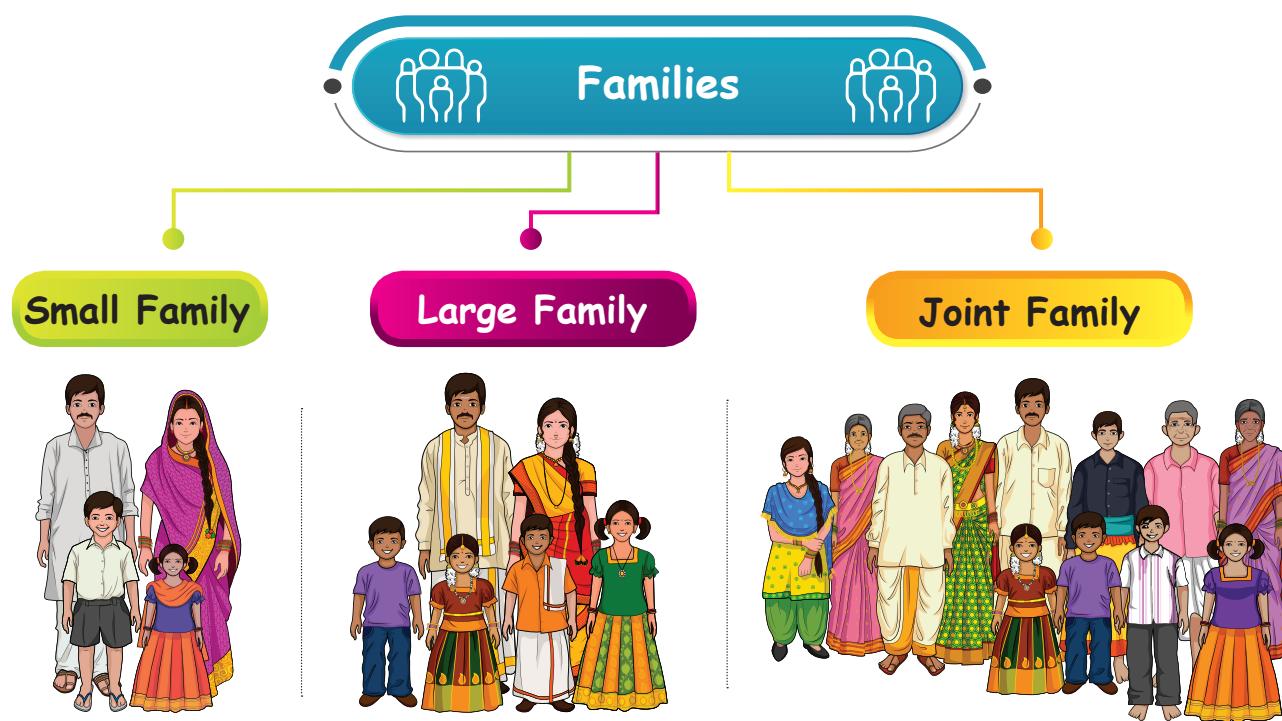


My Maternal relatives

My Paternal relatives



Types of families



What do you see in the pictures given above?

- 1 In the first picture only mother, father and children are seen. This type of family is called a **small family** or a **nuclear family**.
- 2 The family in the second picture is having father, mother and more than two children. This type of family is called a **large family** or an **extended family**.
- 3 The family in third picture is very big. We can see that two or three generations live together. This type of family is called a **joint family**.





Special values of the family

- Family fulfill our basic needs like food, clothing and shelter.
- Family is the first school for the development of physical and moral growth of a person.
- There are several values that bind the family members together. Such **values** are:

Love and Affection



Respect



Protection



Sharing



ACTIVITY Let us write

List out the other **values** that bind the family members together.

Tolerance



Unity of the family

It is better to work together than to do it alone. In this way work load will be reduced and relationship will be strengthened. This will help for the **Unity of the family**.

LET US KNOW

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

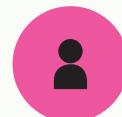


How do you manage your things? ?
Discuss with your friend.

Our - Relations

Apart from our family members, distant relatives also come to our house. All the family members meet during family festivals. When they come to our house we should welcome them. We should talk with them and help them to fulfill their needs. This is the way to respect them. **Hospitality** towards guests 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 relatives come? ?



ACTIVITY

Let us find

3 4 5 6 7 8 9



Cooking



Washing



Earn for
the family

WHO
DOES
WHAT?



Going to
shop



Clean the
floor



Switch off the lights and
fans when not in use





Outsiders

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

Neighbours

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

LET US KNOW

Some families are rearing **pet animals** like their family members.



Is there any pet animal in your house?





Budget of the family

Income and Expenditure is 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.



Glossary

Fulfill : achieve

Hospitality: warm reception

Values : moral principles



How many members
in your family earn
for livelihood?



Do you save
money?



Recap

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



EVALUATION



I. Choose the correct answer.

1. The basic unit of the society is _____.
a) village b) town c) family
2. _____ is one of our basic needs.
a) Sofa b) Shelter c) Car
3. Father, mother and children living together is called _____.
a) small family b) big family c) joint family
4. _____ is the best cultural value of Tamilians.
a) Hospitality b) Celebrating festivals c) Going to temple
5. Running the family by preparing _____ is the best way to improve economy.
a) wealth b) money c) budget

II. Match the following.

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 income. ()
4. We must keep our things in their respective places. ()
5. Simplicity is the best policy for every family. ()



IV. Answer the following.

1. Name 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'.





FUN WITH ACTIVITY

PROJECT

3 4 5 6 7

Prepare your family budget on the basis of the table given below and put a tick at the right place.

Income (Rupees)		Expenditure (Rupees)	
Criteria	Amount	Criteria	Amount
Salary (income)		Rice, groceries	
		Vegetables	
Total		Total	

Income and Expenditure are same
 Income is more than expenditure
 Income is lesser than expenditure



I581II

131

3rd_Social_Science_Unit_1.indd 131

2/17/2020 9:05:41 PM



Learning Objectives

- ❖ Know about our friends.
- ❖ Recognise their nature of work.
- ❖ Understand the importance of our community workers.



P3IFVG



A seven years old girl named **Samudra** goes to the market to buy some groceries along with her **mother Vennila**. While walking, they come across so many people working.



Mother Vennila: Dear **Samudra**, keep yourself right 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.





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 and disasters too.



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

Mother: The **firefighters** are well trained to carry out their duties. They wear protective jackets. They pump and send water on the affected part of the building. They shift people and property to a safer place.



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

Mother: People with burns are sent in an ambulance to the government hospital. This vehicle contains all the facilities for first aid. The victims are admitted in the hospital and given treatment.





ACTIVITY Let us write

3 4 5 6 7

Stitches
the
wound



Nurse is a person who assists the doctor and takes care of the patients. Complete the below activity with the various duties of a nurse.



Injects
the
patients



Nurse



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 and so on.

HOSPITAL





Samudra: How does one get treatment in this vehicle?



Mother: We do not get treatment. But we can get first aid.



Samudra: First aid?



Mother: **First aid** is a life saving treatment 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**? ?

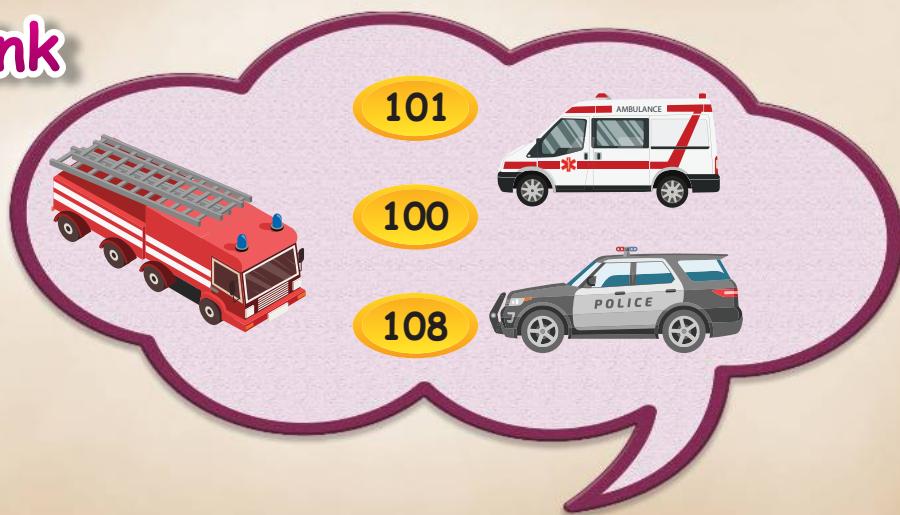
**LET US
KNOW**

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 helps the people to come forward to help others who are in need, without the fear of police, rules and regulations and so on.

Think





Samudra: What building is this?



Mother: This building is built to extend the market.



Samudra: What is the building built for?



Mother: It is built so as to protect people and traders from sunshine and rainfall.



Samudra: Who built this building?



Mother: A **civil engineer** built it. He gave structure and design to the building.



Samudra: Does a **civil engineer** design a house?



Mother: Yes of course, he designs houses, schools, colleges, bridges, multi storey buildings, temples, settlements, shops, factories, and so on. Buildings are constructed using a plan made by a civil engineer.



Samudra: Oh! I see. Ma...Why are we going through this mud path? This is not our regular route.





Mother: Repair work is going on in our usual tar-road.



Samudra: Are these roads laid for us?

Mother: Yes of course, for us. The roads are laid by **road workers** to make travel easy for the pedestrians and vehicles.

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



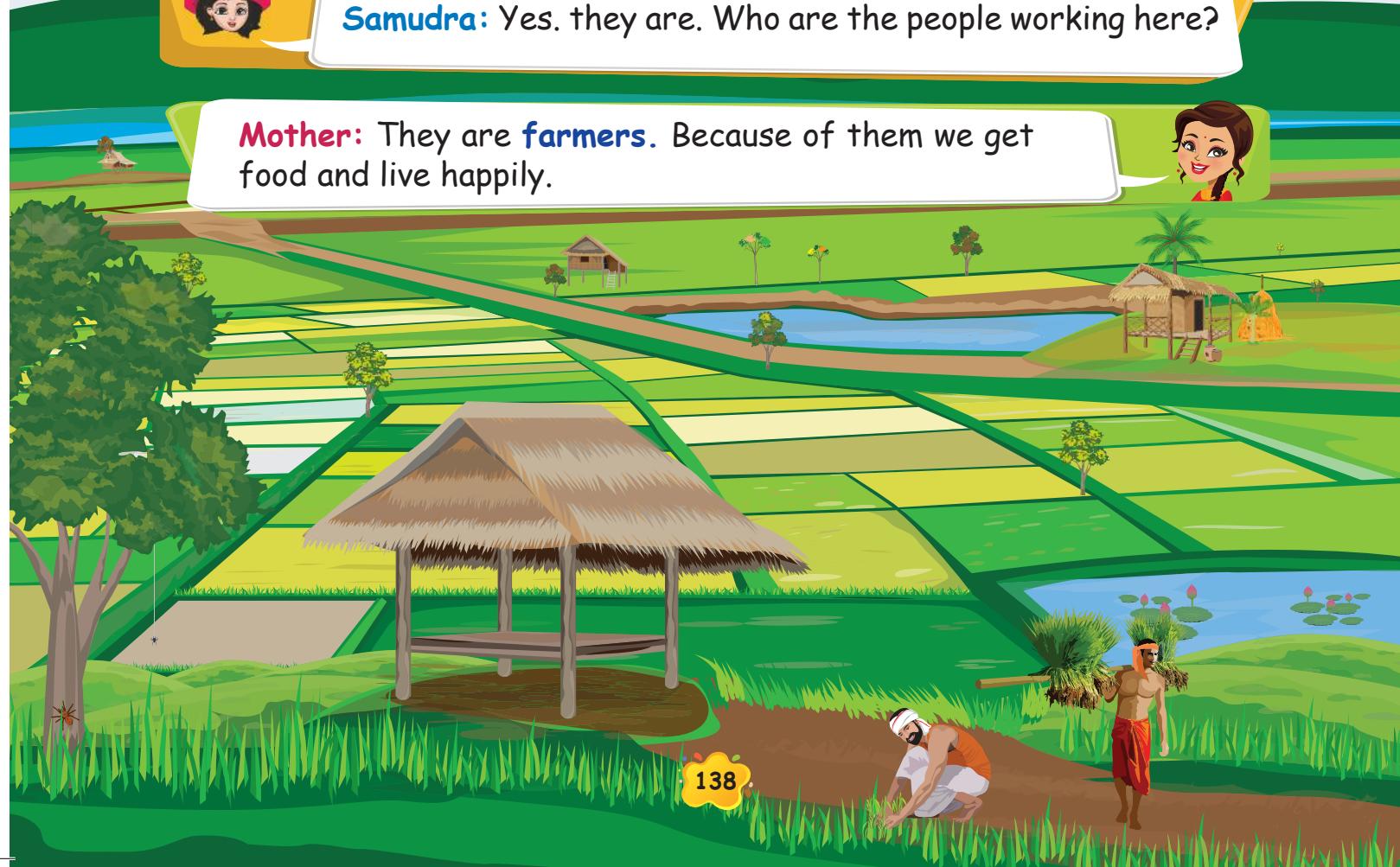
Samudra: Why ma?...What is special?

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



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

Mother: They are **farmers**. Because of them we get food and live happily.





ACTIVITY

Let us find

3 4 5 6 7 8

Solve the puzzle



1 You can hear my ding dong before I come.

Lives are saved, properties are protected from fire.

Who am I? _____

Hint: iefr eginen



2 I keep people safe. I protect our community from crime.

I make sure people follow the rules.

Who am I? _____

Hint: ecplio

3 I toil (hard work) in the soil. I plough to sow, so that

mud could give us food.

Who am I? _____

Hint: emarfr



Samudra: Ma... Can you see that bus?



Mother: Yes... Bus is one of our transport services. 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.



Samudra: Ma...Can you hear an unusual alarm somewhere near?



Mother: Yes! That is the siren of the **police**.





Samudra: Why **police**? Is something wrong?

Mother: This is an usual visit of the **police** during the evening in the market. They come here to discipline as it's over crowded 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 enemies. 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.





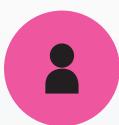
Samudra: Now I remember... Our **teacher** told us about the army yesterday in the class.

Mother: Samudra, Do you know? The service of a **teacher** is a noble one that enlightens us with knowledge, values and helps people to become good citizens.

Dear, we have come to the main road, hold my hand.



Who am I?



Fill in the following blanks:

a) I ----- clothes.



Tailor

1

b) I am a -----.

a) I ----- wall.



Painter

b) I am a -----



Plumber

3

a) I ----- pipes and taps.

b) I am a -----.

a) I ----- houses and people.

b) I am a -----.



Watchman

a) I ----- electrical appliances.

b) I am a -----.



Electrician

5



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



Mother: Oh! He is the **traffic police man**.



Samudra: Why is he standing there?



Mother: His work is very important because he controls the vehicles coming from all sides. 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** treat all men with justice 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.





The Supreme Court is the Guardian of the Constitution.

Mother: Samudra, Do you have any wish? What would you like to do in your life?

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

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



Recap



Glossary

- Enlightens** : educate
- Guardian** : protector
- Protect** : save

- Our friends like teacher, doctor, engineer, police are working for us.
- Firefighters save people and properties from fire.
- A civil 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 served for us and also for our country.



EVALUATION



I. Choose the correct answer from the list given below.

(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. _____ is 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 man controls traffic. ()
4. Doctors protect people and properties. ()
5. The 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 a civil engineer do?
4. Write about farmers.
5. How do the soldiers protect our country?



FUN WITH
ACTIVITY

3 4 5 6 7 8 9

PROJECT



Match the tools with the community helpers and write their task they perform.

1)



a)



2)



b)



3)



c)



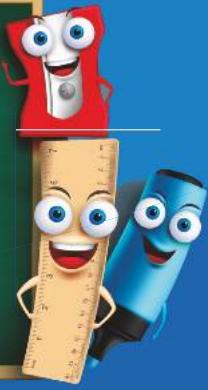
4)



d)



UNIT 3: Panchayat



Learning Objectives

- ❖ Know about our Panchayat system.
- ❖ Understand that Panchayat provides the basic facilities to the village people.
- ❖ Know about the duties of Gram sabha.
- ❖ Know about the local self government.





Dandora Announcement!

"A special Gram Sabha meeting will be held on Independence day. All the villagers are requested to participate".





After hearing the announcement, Iniyang rushed towards his home.



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



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



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



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

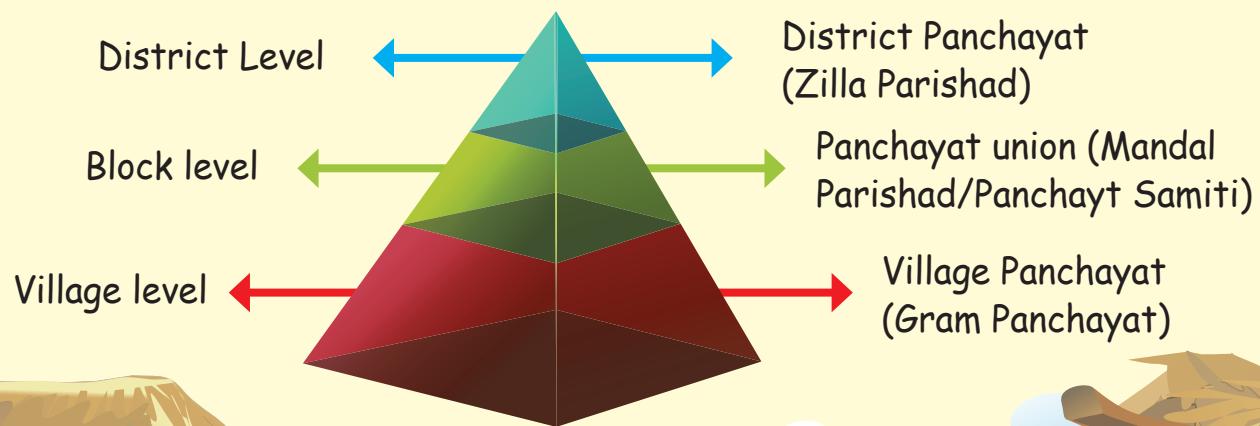


Iniyang: Oh, I see! What is meant by Panchayat board Dad?





Dad: I'm so glad about your questioning. Let me tell you about the Panchayat. Our country is a vast country. It has towns and villages. Therefore many Panchayats must exist. Village Panchayat is the root of Panchayat System. It provides the basic facilities to the village people. The **73rd Constitutional Amendment Act** came into force in April 1993. The salient feature of **73rd Constitutional Amendment Act** is the **three tier** system of **Panchayat Raj**. Panchayat have been setup in every village with 500 people and above.



Iniyam: Dad...Who are all there in a Village Panchayat?



There are 12,620 Village Panchayats in Tamil Nadu.



39FYMN

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



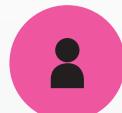
Iniyam: How do the Panchayat members are selected?

Dad: Village people select the President and members through the **election**. The tenure of the members of Panchayat is **five years**. The Vice President is elected by the ward members.



ACTIVITY

Let us answer



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 district indicate that the Chola Kingdom followed the **Kudavolai method** to elect candidates for village administration.

Kudavolai is a traditional method of election.

Village people gathered and wrote the names of preferred candidates in palm leaves and kept them in a mud pot called **Kudam**. A child was called to pick up palm leaves one by one. The persons, whose names in palm leaves were declared elected.



ACTIVITY
Let us do

Select your class leader using the **Kudavolai** system.

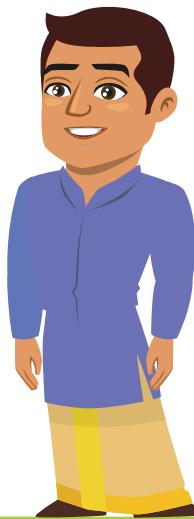


Iniyani: Dad...What are the duties of these members?

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

The obligatory functions of the Panchayat are:

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



Iniyani: Oh! They are doing so many works. But, to do the works, they need a lot of money. What will they do for the money?



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



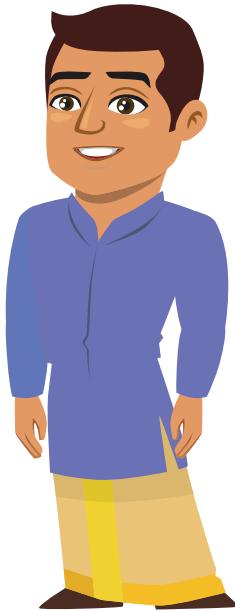


Dad: Our Central and State Government provide money to the Panchayat. We pay taxes to Panchayat. Panchayat use this money for the development of the village.

Collecting tax is an obligatory function of Panchayat.

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

1. Planting trees in either sides of the roads.
2. Setting up and maintenance of public markets.
3. Setting up of gardens.
4. Establishing passenger lodgings.
5. Setting up and maintenance of play grounds.
6. Constructing library.
7. Establishing centres for informal and adult education.
8. Organising festivals in the village.
9. Maintaining the cleanliness of the village.



1. Is there any library, in your village?
2. Is there any park, in your village?
3. Is there any playground in your village?





Awards are given to the best performing Panchayats

An Admiring village

850 houses were built at free of cost for the people of 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



Iniyen: 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 the village developmental plans and to take remedial measures.



LET US KNOW

Gram Sabha is the root of democracy.



Gram Sabha meeting must be held at least **four times** a year. Meeting must be conducted on the following dates:

- | | |
|--------------------------------|--------------------|
| 26th January | (Republic day) |
| 1st May | (Labour Day) |
| 15th August | (Independence Day) |
| 2nd October | (Gandhi Jayanti) |



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.

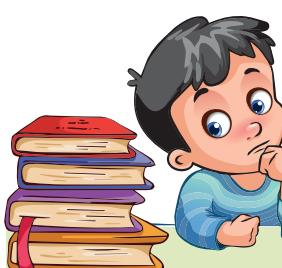
Town Panchayat

Town Panchayat as same as village Panchayat. Here the population ranges between 5000 to 30,000. The members of the Town Panchayat are elected in the same way as village Panchayat. Their tenure is **five years**. They fulfill the basic requirements of the people of the town.



Glossary

- Discretionary** : Voluntary
Executing : Perform
Obligatory : Compulsory



Recap

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



EVALUATION



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/ elect the Vice President of the Panchayat?
a. People b. Ward members 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. Illustrate the 'Three tier system'.
 3. Write any three obligatory functions of the Panchayat.
 4. Write any three discretionary functions of the Panchayat.
 5. When is the Gram Sabha meeting held?

FUN WITH ACTIVITY

PROJECT

Write the facilities which you get from your Panchayat.



Learning Objectives

- ❖ Understand the safety measures to avoid accidents.
- ❖ Know about Fire safety.
- ❖ Know about Road safety.
- ❖ Understand the water safety.
- ❖ Know about the electrical safety.



F62TCJ

Our life is very precious and important. Accidents may occur at home, school, on the road and at other places. We have to be cautious to protect ourselves from dangers. We can be safe by knowing the safety measures and following them.





Reasons for the danger or accident

Haste / urgency

Carelessness / Negligence

Lack of awareness

**REASONS
FOR
ACCIDENTS**

Indifference / Contempt

Violation of rules

Lack of formal training

Not following safety measures

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



Fire



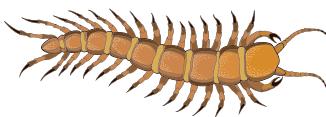
Water



Electricity



Vehicles



Toxic organisms



Pesticides



Sharp weapons and glassware



Fire safety

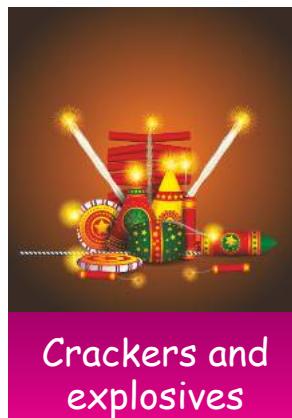
'Fire is the man's marvelous creation'

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

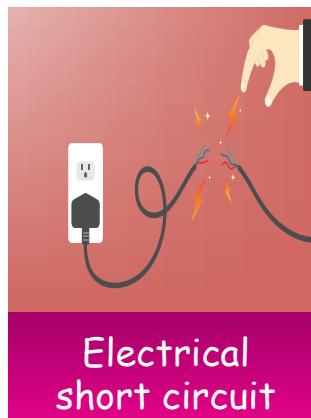


Reasons for fire accidents

Fire accidents can occur in the following ways:



Crackers and explosives



Electrical short circuit



Leakage in gas cylinders



Highly inflammable things



How does the **forest fire** occur?



Precautions to avoid fire accidents:

- 1 We should handle the highly inflammable things carefully.
- 2 The person who cooks can wear cotton clothes. Some types of clothes can easily catch fire.
- 3 We should close the cylinder valve after cooking. If we detect leakage in gas cylinders we will open the doors and windows to ventilate our house.
- 4 Don't play with fire.
- 5 We should be cautious and careful while firing crackers and elders should be with us when we fire crackers.



What to do during a fire accident?

1. Use fire extinguisher.
2. Execute fire warning system in buildings.
3. Cover your mouth and nose with wet cloth when the smoke spreads.
4. 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.
- ❖ If you run, the fire will spread rapidly.
- ❖ Drop down and roll on the ground.



LET US
KNOW

To inform any fire accident and call fire engine,
Dial **101**

What should not do?

If there is a burn in your skin,

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

ACTIVITY
Let us write

How **fire** is used in our daily life?



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.



Have you ever bathed in lake or river?

If yes, with whom did you go?



**LET US
KNOW**

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

Precautions:

- 1 We should not go alone to bath in water bodies.



- 2 Do not step into the stagnant pond.



- 3 Do not go beyond the danger zone.



- 4 Do not peep into the well. It may be deep and dangerous.

- 5 We have to wear life jacket when we travel in water.



Electrical safety

Electricity has become a necessity for our lives. Times have changed these days that things don't function without electricity. It is used in houses, factories and other work places. Accidents occur when we use it carelessly.



Precautions:

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





 **ACTIVITY**
Let us write

3 4 5 6 7

Write the names of **electrical appliances** which are used in your house.

LET US KNOW

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

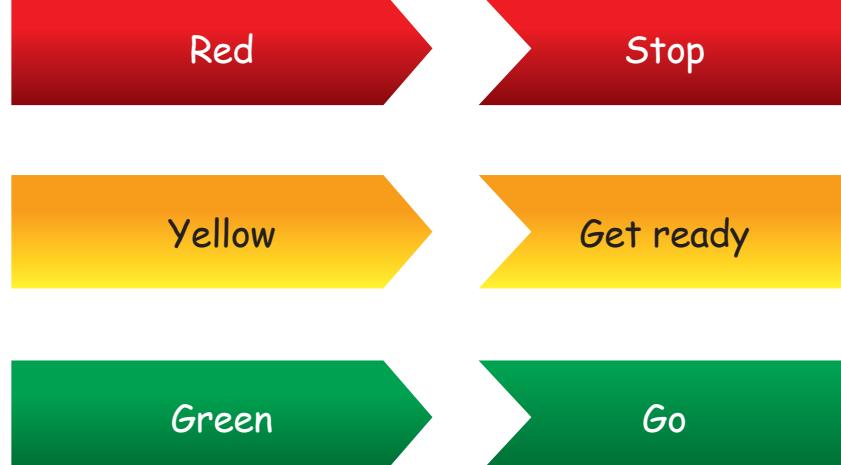


Road safety

We must be very careful while travelling 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 obey the traffic signals.
- 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.



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



Red

Stop

Green

Go



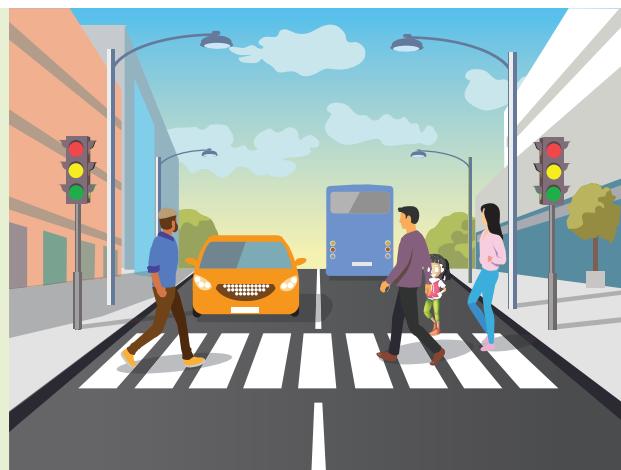
When crossing the road if there is no **traffic signal**, we have to look at the right, left and right again.



Zebra Crossing

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

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



ACTIVITY
Let us write



Write down the slogans of awareness which you have observed while travelling.





Traffic Park

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



There is a **Traffic park** near Anna Square in **Chennai**.



Wear helmet.
Save your life.



Let us obey **Traffic Rules !**



Be safe from Toxic organisms

Pesticides are used to kill insects in our home. We shouldn't touch these Pesticides. They are very dangerous.



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 give first aid and then go to the hospital.



Snake



Scorpion



Spider



Wasp

Precautions:

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



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



Glasswares and Sharp weapons

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



Glossary

Elixir	: Medicinal Solution
Intention	: Purpose
Precious	: Valuable



Recap

- 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.



EVALUATION



I Choose the correct answer from the list given below.

(Fire, Water, Electricity, Snake, Traffic light)

1. If it is touched, It will be hot.
If it is 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 who doesn't have legs, slithers and wanders in jungles. Who is he? -----
5. The one who stands on the road and guides us has three eyes of three colours. 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. ()

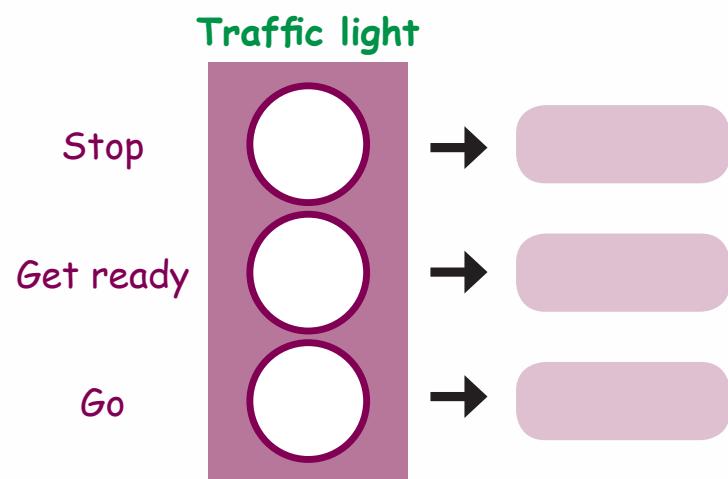
III. Answer the following questions.

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.

IV. Let us colour.



FUN WITH ACTIVITY

PROJECT

Write your experience of firing crackers during Diwali.

Handwriting practice lines for writing the project title and experience.

171



Class III - Mathematics, Science and Social Science (Term I, Volume 2)

List of Authors and Reviewers

Academic Advisor

Dr. P. Kumar

Joint Director (Syllabus),
SCERT, Chennai.

Academic Co-ordinator

Dr. K.S. Mozhiyarasi

Principal, DIET,
Keelapalur, Ariyalur

Subject Co-ordinator

Maths

K.Revathi

Lecturer, DIET Perambalur

Science

T. Ashok

PG Asst., G.B.H.School,
Ponneri, Thiruvallur.

Social Science

S. Maheswari

P.G. Asst., G.G.H.S. School,
Villupuram.

Layout Design and Illustration Team

Rajesh Thangappan
Johnsmith
Santhiyavu Stephen
Yogesh, N.R. Yuvaraj
Porsellvan, C. Prasanth
Pakkiri, Yesu Rathinam
Vinoth kumar V

Udhaya Info
Chromepet, Chennai

In-House QC

Jerald Wilson

Wrapper Design

Kathir Arumugam

Coordination

Ramesh Munisamy

Mathematics

Reviewers

Dr. Ramanujam

Professor,
Institute of Mathematical
Science, Tharamani,
Chennai.

R. Krithika,
Research Centre,
Azim Premji University,
Bangalore

Authors

P .Kalpana
B.T. Assistant, PUMS,
Alambakkam,
Pullambadi Union,
Tiruchirappalli.

C .Venkatesan, S.G. Asst,
Govt. A. D. W. Primary
School, Vandarayankattalai,
Ariyalur.

K. Pushparaj
B.T. Assistant, P.U.M.School
Narasingampalayam,
Ariyalur.

S.K .Sivakumar
B.T. Assistant,
P.U.M.School, Edaiyar,
Ariyalur.

C .Thottiyathan
S.G. Asst, P.U.P.School,
Namankunam, Ariyalur.

P. Malarvizhi
BT Asst., P.U.M.School,
Padiyanallur Thiruvallur.

QR - Code Management Team

A. Devi Jesintha
B.T. Asst, G.H.S,
N.M.Kovil, Vellore

M. Saravanan
B.T. Asst., G.G.H.S.School,
Vazhapadi, Salem.

M. Murugesan
B.T.Asst., P.U.M.School,
Pethavelankottagam,
Thiruvarur.

Science

Reviewers

Angeline Ruby

Asst. Professor, SCERT,
Chennai.

Dr. K. Chinthanaiyalan
B.T. Asst., GHS,
Periyar nager,
Nandambakkam,
Kanchipuram.

Authors

Srivathsan Ramasamy
Madhi Foundation,
Chennai.

Helan Edward
Lecturer, DIET, Trichy.

M. Mariyadoss H.M.,
P.U.M.School,
Palinganatham,
Thirumanoor, Ariyalur.

N. Gopi
BRTE, Nemili Block,
Vellore.

K. Ganesan, BT Asst,
P.U.M.School, Vellai
Pichampatti, Trichy.

R. Swaminathan, BT Asst,
P.U.M.School,
Karu-Senapathy, Ariyalur.

P. Vasanthakumar,
BT Asst, G.H.School,
Othaipulikudiyiruppu,
Pudukkottai.

K. Selvamanigandan,
SGT, P.U.P.School,
Karakkai, Cuddalore.

K. Nirmala Mary, SGT,
P.U.P.School, Aaroor,
Sankarapuram, Villupuram.

S. Janaki, S.G.T,
Gopala Vilash Aided
Primary School,
Puduchathiram, Tanjore.

Social Science

Reviewers

K. Velu, B.T Asst,
G.G.H.S.School,
Thalaivasal, Selam.

S. Gomathi Manickam,
B. T Asst, G.H.S.School,
Old Perungalathur,
Kanchipuram.

Srivathsan Ramasamy
Madhi Foundation,
Chennai.

Authors

L. Maarimuthu
Lecturer, DIET, Ariyalur

S. Abirami, SGT,
P.U.M.School,
Muthuvanchery, Ariyalur.

K. Mathimannan, SGT,
P.U.P.School, Palliserai,
Vilupuram.

A. Chinnappan, BT Asst,
GHS Peelvaadi,
Perambalur.

M. Varathan, BT Asst,
GHS Nannai, Perambalur.

K. Selvakumar, BRTE,

Sendurai, Ariyalur.

S. Gunasekaran, BT Asst,
G.H.S.School, T palur,
Ariyalur.

R. Josphin Imaculate,
BT Asst, G.H.School,
Palingaanatham Ariyalur.

G. Kannambal, BT Asst,
G.H.School, Sillakudi,
Perambalur.

B. Arumugam, BT Asst,
G.H.S.School,
Peruvalapurk,Trichy.

This book has been printed on 80 GSM Elegant Maplitho paper.
Printed by offset at: