



GOVERNMENT OF TAMIL NADU

# STANDARD THREE

## TERM - III

## VOLUME 2

**MATHEMATICS**  
**SCIENCE**  
**SOCIAL SCIENCE**

A publication under Free Textbook Programme of Government of Tamil Nadu

Department Of School Education

**Untouchability is Inhuman and a Crime**





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# SOCIAL SCIENCE

3

TERM-III



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E-Book



Evaluation



Digi Link







# UNIT 1

# FREEDOM FIGHTERS OF TAMIL NADU



## Learning Objectives

Children will be able to:

- ❖ know the freedom fighters of Tamil Nadu.
- ❖ understand their contribution in freedom movement.



S2H3N4



A little girl dressed up as Bharathiyar comes to her mother with a certificate in her hand.



**Meena:** Mom, I am so happy. I won the first prize in the fancy dress competition today.



**Mother:** Very good. I am proud of you, Meena.

**Meena:** Thank you!



**Mother:** How was the Independence Day celebrated in your school?



**Independence Day** is celebrated on **15<sup>th</sup> August**, every year in India. It is to commemorate the nation's independence from the British rule on **15<sup>th</sup> August 1947**.

**Meena:** It went very well. My teachers appreciated me for my speech as Bharathiyar.



**Mother:** Well done. I missed your performance as Bharathiyar.

**Meena:** Don't worry. I will enact again.

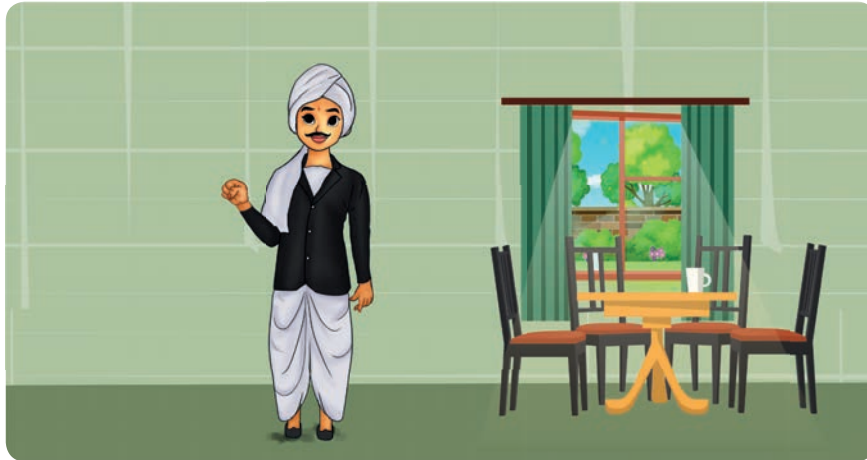


**Mother:** Sure.

**Think**

When do we celebrate our **Republic Day**?

## Meena enacts



**Meena:** I am **Subramaniya Bharathi**. I am a poet and a freedom fighter of Tamil Nadu. I was born in a village called **Ettayapuram** in Tirunelveli District. I started writing poems at the age of seven. My poems are patriotic and it is all about gender equality and women empowerment. I worked as a teacher. Then I became the Assistant editor of the **Swadesamitran** newspaper in 1904. I also met Mahatma Gandhi in 1919. I worked with many Tamil leaders like **V.O. Chidambaram** and **Subramanya Siva**. My poems **Vande Matharam**, **Acham Illai**, **Enthaiyum Thaayum** and **Jaya Bharatham** motivated people to join the freedom struggle movement. Thank you!





**Mother:** Excellent, Meena. You spoke very well. Bharathi was indeed a great freedom fighter and one can't forget his contribution for the freedom struggle.

**Meena:** True. I also learnt about other freedom fighters of Tamil Nadu today.



**Mother:** Oh, is it? Tell me what you learnt.

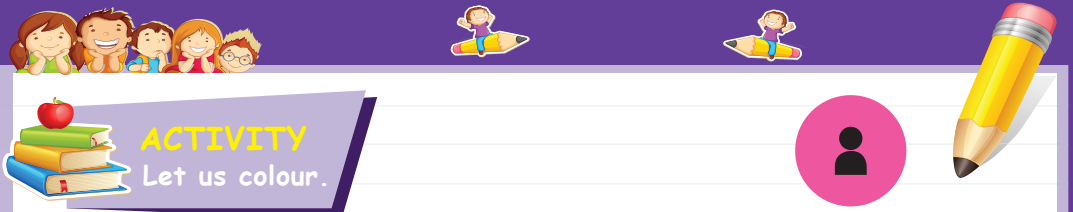


The title **Bharati**, a name of the Goddess of Knowledge, was conferred upon him at the age of eleven by the court of Ettayapuram for his ability to compose poems on any subject, at any moment.

**Subramaniya Bharathi**

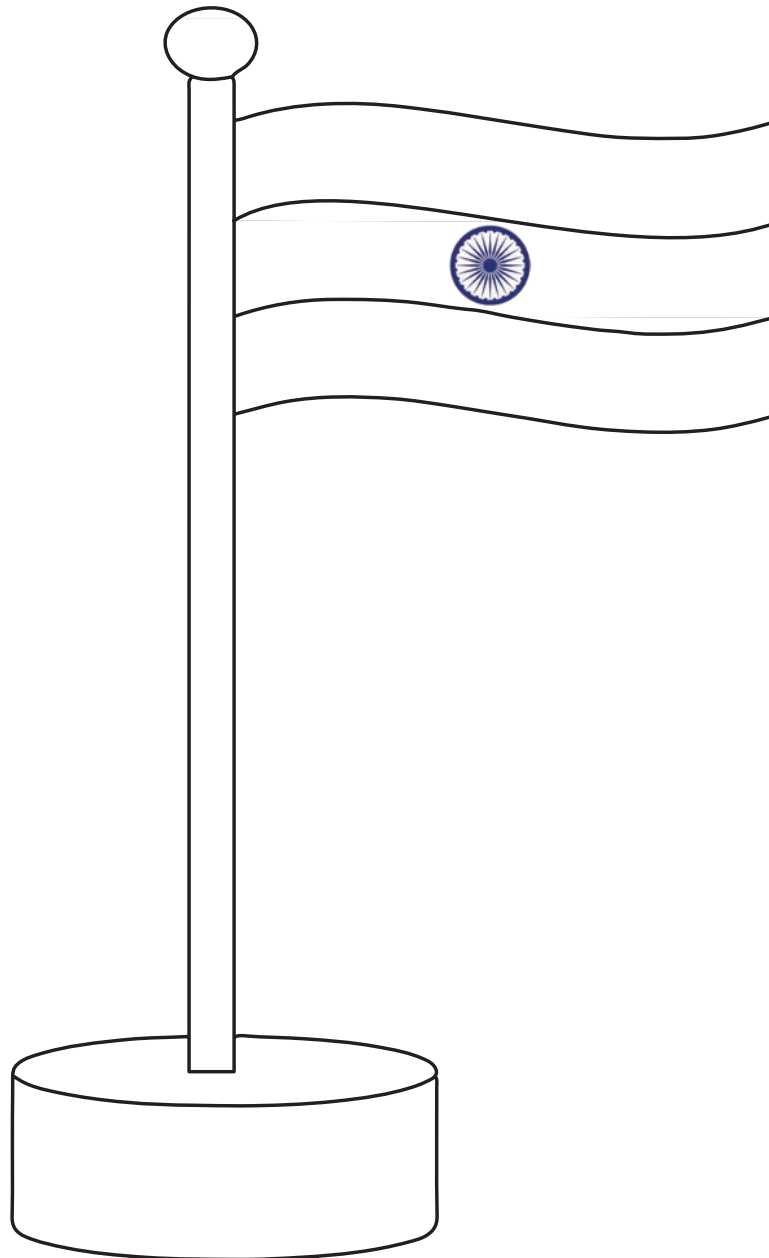






ACTIVITY  
Let us colour.

Colour our National Flag.





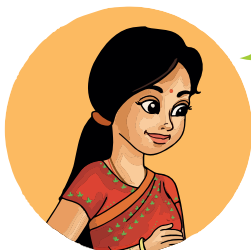
V. O.  
Chidambaram

**Meena:** One of my friends dressed up as **V. O. Chidambaram**.



**Mother:** V. O. Chidambaram was also called **Kappalottiya Tamilan**.

**Meena:** Yes. He was born in **Tuticorin**. He was a lawyer and was also a good orator. He took part in the Indian Independence movement.



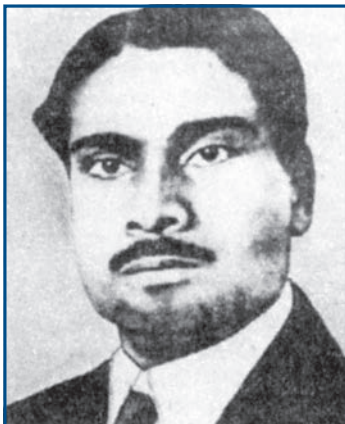
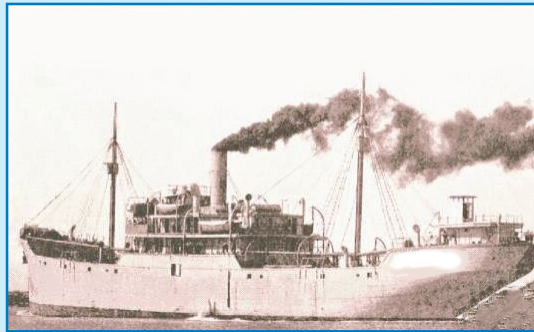
**Mother:** Meena, did you know that V.O. Chidambaram started the first **Indian shipping company**. It was called Swadeshi Shipping Company.

**Meena:** Yes, mom. **V.O. Chidambaram** gained popularity. Many people started to follow him which worried the British people. Hence, the British sent **V.O. Chidambaram** to jail.



LET US  
KNOW

**Vallinayagan Ulaganathan Chidambaram** known as **V.O. Chidambaram** started the **Swadeshi Steam Shipping** between Tuticorin and Colombo against British ships.



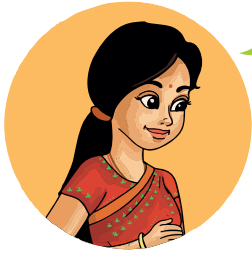
**Chempakaraman**



**Mother:** You are right. Though he was in the jail, he continued to fight for India's Independence. His patriotism inspires many people even today.

**Meena:** Yes, mom. Then, I learnt about **Chempakaraman**. He was born in **Tuticorin**.





**Mother:** Yes. During his school days, he met a British biologist, Sir Walter Strickland, who took him to **Austria**. Chempakaraman completed his schooling in Austria.

**Meena:** Though he grew up in a foreign land, he was still very patriotic.



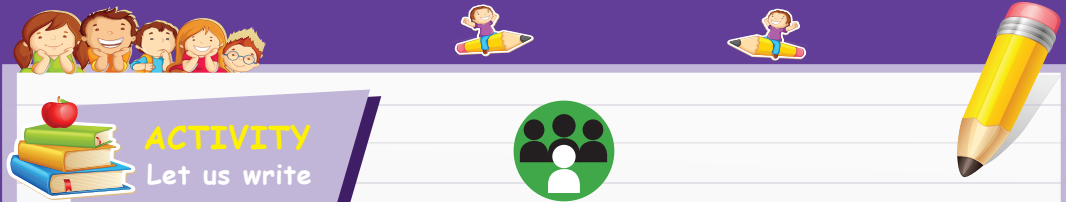
**Mother:** That's right. Chempakaraman established an organization called **International Pro India Committee** at Zurich before the outbreak of the World War I. During the war, Chempakaraman intensified his revolutionary ideologies. He also joined the **Indian Independence Committee** in Berlin.

**Meena:** My teacher told that he coined the slogan '**Jai Hind**' which is used till today.



**Mother:** Yes.

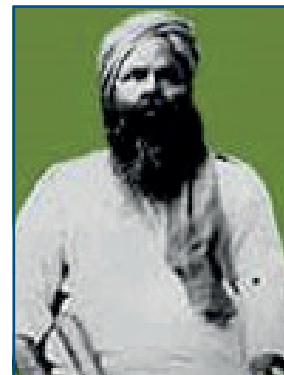
**ACTIVITY**  
Let us write



Name the freedom fighters of Tamil Nadu.



**Meena:** Then, I learnt about **Subramania Siva**.



**Subramania Siva**

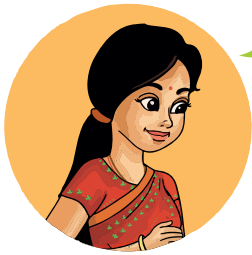


**Mother:** He was a freedom fighter and a creative writer.

**Meena:** Yes, mom. He was born in **Dindigul** and was very passionate about Tamil.

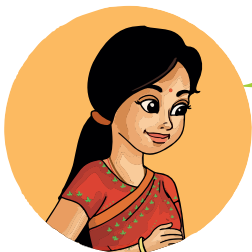






**Mother:** **Subramania Siva** started a monthly newspaper called **Gnanabalu**. He wrote many books namely Ramanuja Vijayam, Sankara Vijayam and so on.

**Meena:** He inspired many young people to join the freedom movement. This angered the British and they sent him to jail.

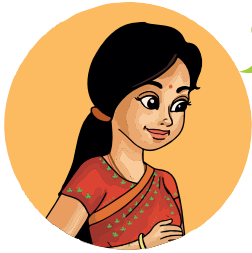


**Mother:** Even though he was in the jail, he continued his work for the freedom movement.

**Meena:** Oh! Really?



Subramania Siva closely worked with **V.O. Chidambaram** and **Subramanya Bharathy** in freedom movement. The collector office of Dindugal district is named as **Thiagi Subramania Siva Maaligai**.

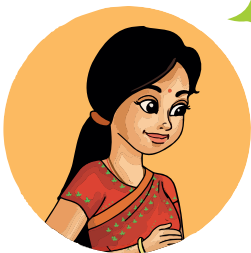


**Mother:** Did you learn about **Tiruppur Kumaran?**



**Tiruppur Kumaran**

**Meena:** Of course. He was born in Tiruppur. During his young age, he actively involved himself in the freedom movement.



**Mother:** Yes, Meena. He started **Desa Bandhu Youth Association**. It inspired many young people of Tamil Nadu to take part in the freedom struggle.

**Meena:** During the protest against the British, he died holding the **National flag of India**. So, he is called **Kodikaththa Kumaran**.



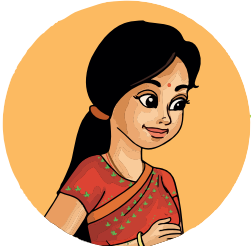
**Mother:** You are right.

**Meena:** I am very much inspired after knowing all these freedom fighters of Tamil Nadu.



**Mother:** Yes. Their patriotism towards India and the contribution to Independence can never be forgotten.

**Meena:** They inspire and motivate us to be better citizens and serve our country.



**Mother:** You are right.



**Lakshmi Sahgal** was a revolutionary of the Indian independence movement. She was an officer of the **Indian National Army**. She is commonly called **Captain Lakshmi**.





## Glossary

Commemorate : Celebrate

Contribution : Join or take part

Patriotism : Love and respect  
towards one's country



## Recap

- Many freedom fighters from Tamil Nadu made their contributions to India's freedom.
- Subramaniya Bharathi was a poet and a freedom fighter of Tamil Nadu.
- V. O. Chidambaram is also called Kappalottiya Tamilan.
- Chempakaraman coined the slogan 'Jai Hind'.
- Tiruppur Kumaran is also called Kodikaththa Kumaran.



**I. Choose the correct answer.**

1. Where was Bharathiyar born?
  - a) Ettayapuram      b) Madurai      c) Dindugal
2. \_\_\_\_\_ was not composed by Bharathiyar.
  - a) Vande Matharam      b) Acham Illai      c) Kaththiyindri
3. \_\_\_\_\_ is known as Kappalottaiya Tamilan.
  - a) Subramania Siva      b) Bharatiyar      c) V. O. Chidambaran
4. Who coined the slogan 'Jai Hind'?
  - a) Bharatiyar      b) Chempakaraman      c) Kumaran
5. Who started a monthly newspaper 'Gnanabhanu'?
  - a) Subramania Siva      b) Bharatiyar      c) V.O .Chidambaram

**II. Match the following.**

1	Desa Bandhu Youth Association	Bharatiyar
2	Dindugal	Tiruppur Kumaran
3	International Pro India Committee	Subramania Siva
4	Swadesamitran	V.O Chidambaran
5	Lawyer	Chempakaraman



**III. Answer the following.**

1. Name the freedom fighters of Tamil Nadu.
2. Name some poems written by Bharatiyar.
3. Write about the Swadeshi Steam Shipping Company.
4. What is the contribution of Chempakaraman in freedom struggle?
5. Write a short note on Tiruppur Kumaran.



**FUN WITH ACTIVITY**

**PROJECT:** 

Write few sentences about the Independence day that took place in your school.

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# UNIT 2

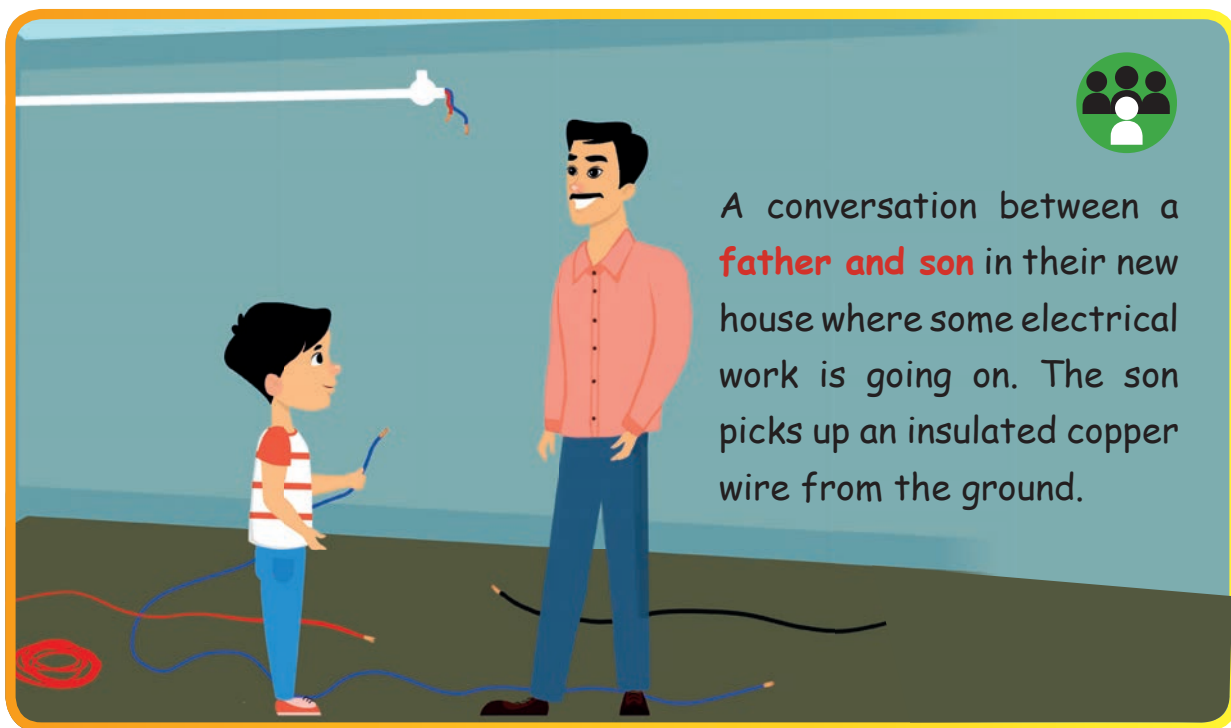
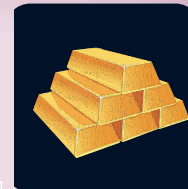
## MINERAL RESOURCES



### Learning Objectives

Children will be able to:

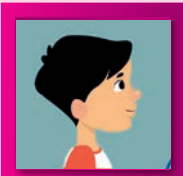
- ❖ list the minerals found in Tamil Nadu.
- ❖ describe the uses of the minerals.





**Son:** What is this daddy ?

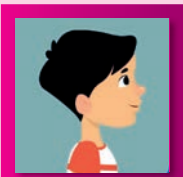
**Father:** That is a wire. We are using it to give electrical connection in our house.



**Son:** This is blue thick wire and there are many thin metal wires inside this.



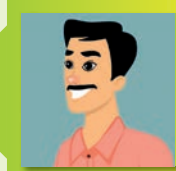
**Father:** The thin metal wires are made up of copper.



**Son:** Copper?



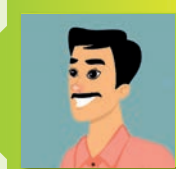
**Father:** **Copper** is one of the most used mineral in today's world.



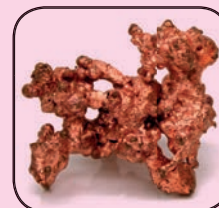
**Son:** I have read about minerals in school. They are very useful and are found naturally on the **Earth**.



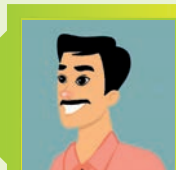
**Father:** You are right. **Copper** is very good conductor of electricity.



**Son:** Is it?



**Father:** Yes, **Copper** is used in all electrical appliances including computers, televisions, mobile phones and other electronic devices.



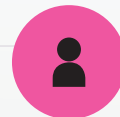


Natural resources are important to us because they satisfy the daily needs of man such as food, clothing and shelter.



ACTIVITY  
Let us write

Fill in the blanks.  
(Gold, Iron, Copper)



\_\_\_\_\_ rod



\_\_\_\_\_ bowl



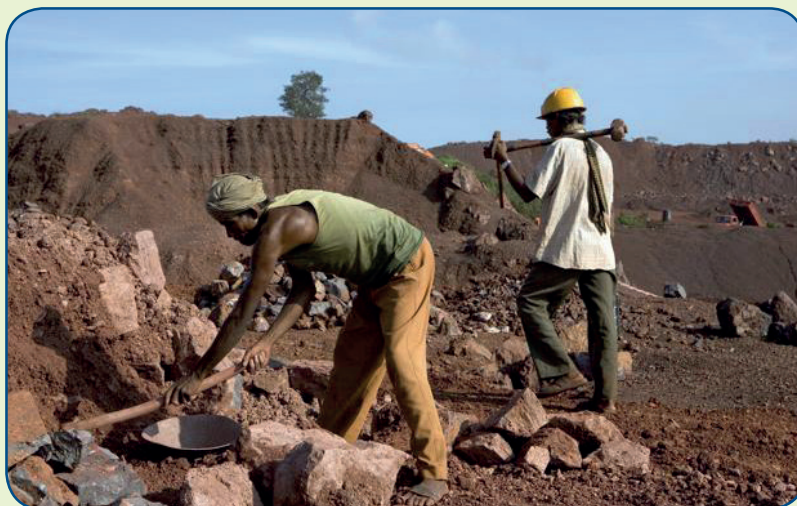
\_\_\_\_\_ bangles





**Son:** Wow. I did not know that. Tell me about other useful minerals.

**Father:** Another widely used mineral is **Iron ore**. It is mainly used to produce **iron**.

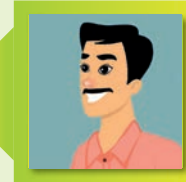


**Son:** What are the uses of Iron?



Iron ores are found at **Kanjamalai** in **Tamil Nadu**.

**Father:** Iron is used to make vehicles, engines, railway tracks, ships, buildings, furniture, paper clips, tools, bicycles and thousands of other items.



**Natural resources** that once consumed, cannot be replaced are called non-renewable resources.

### Think



Coal, Petroleum and Natural Gas are called **Fossil fuels**.  
Iron, Copper, Bauxite, Gold, Silver and others are called **Mineral resources**.



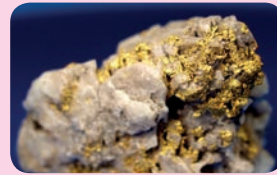
Non-renewable resources can be divided into **three types**. They are:

- Metallic resources
- Non - metallic resources
- Fossil fuel resources

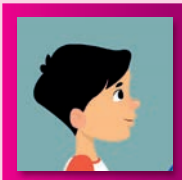
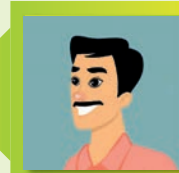




**Son:** Interesting.  
Is **Gold Ore** a mineral?



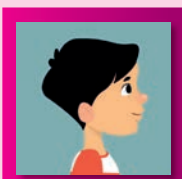
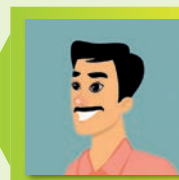
**Father:** Yes it is. **Gold** is extracted from **Gold Ore**. It is considered as one of the most precious mineral.



**Son:** That's why it is used in making jewels.



**Father:** You are right. **Gold** is also a very good conductor of electricity and it is found in small amounts in electronic devices including mobile phones, televisions and so on.



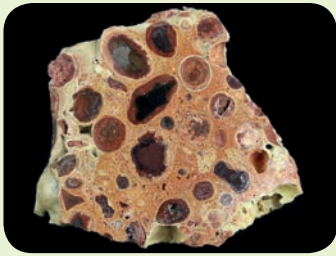
**Son:** Oh is it?



**Think**



Are there any minerals available in your district?  
What are they?

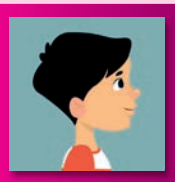
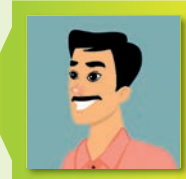


**Father:** Another very useful mineral is **Bauxite**.



**Son:** Bauxite. I have never heard of it.

**Father:** Bauxite is used to make **aluminium**. Aluminium is used in electronics, construction, vehicles and even in utensils.



**Son:** Tell me more about bauxite, Dad.



The **bauxite** deposits are mainly found in the **Shervaroy hills** of Salem district, Tamil Nadu.





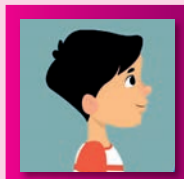
**Father:** Bauxite is used in Aircraft making industry, electrical industry and is also used in making machines.



**Son:** Interesting.



**Father:** Bauxite is used to make paper, purify water and refine petroleum. It is also used to manufacture rubber and cosmetics.



**Son:** This is very informative, Dad.



**ACTIVITY**  
Let us do



**Find the missing piece of the Aircraft.**



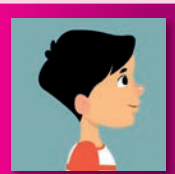
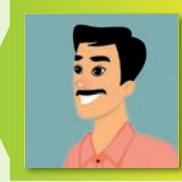
**Father:** Have you heard about **Zinc**?



**Son:** No Dad. Tell me about **Zinc**.

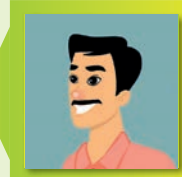


**Father:** Zinc is called the **essential trace element** because very small amount of zinc is necessary for human health. Our body does not store excess zinc, it must be consumed regularly as part of the diet. Common food sources of zinc include **red meat**, **white meat** and **sea food**.



**Son:** What are the other uses of zinc?

**Father:** Zinc oxide is widely used in the manufacture of many products such as paints, rubbers, cosmetics, medicines, inks, batteries, textiles and electrical equipments.

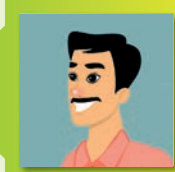




**Son:** Oh! Really?



**Father:** The another most useful mineral is **Potash**.



**Son:** What are the uses of **Potash**?

**Father:** 95% of **Potash** is used for making **fertilizers**. If the soil does not have enough potassium, potash **fertilizers** are used to improve the quality of soil. The remaining 5% potash is used in commercial and industrial products such as soap.



**Son:** Thank you, Dad. This has been very useful. I am going to share this with my friends.

**Father:** That's a good idea! Son.





## Glossary

Conductor : A substance that quickly conducts electricity, heat and so on

Precious : Valuable

Manufacture : Make



## Recap

- Minerals are very useful and found naturally on the Earth.
- Copper is used in all electrical appliances.
- Iron ore is mainly used to produce iron.
- Gold is considered as one of the most precious metal.
- Bauxite is used to make aluminium.
- Zinc is called the essential trace element.
- Potash is used for making fertilizer.



**I. Choose the correct answer.**

1. The metal inside the wires are made up of \_\_\_\_\_ .  
 a) Iron      b) Zinc              c) Copper
2. \_\_\_\_\_ is used for making jewels.  
 a) Zinc      b) Bauxite              c) Gold
3. Which mineral is used as fertilizer ?  
 a) Zinc Oxide    b) Potash    c) Iron ore
4. Zinc is found in \_\_\_\_\_ .  
 a) Milk      b) Biscuit              c) Fish
5. Which mineral is used in Aircraft making industry?  
 a) Zinc      b) Bauxite              c) Potash

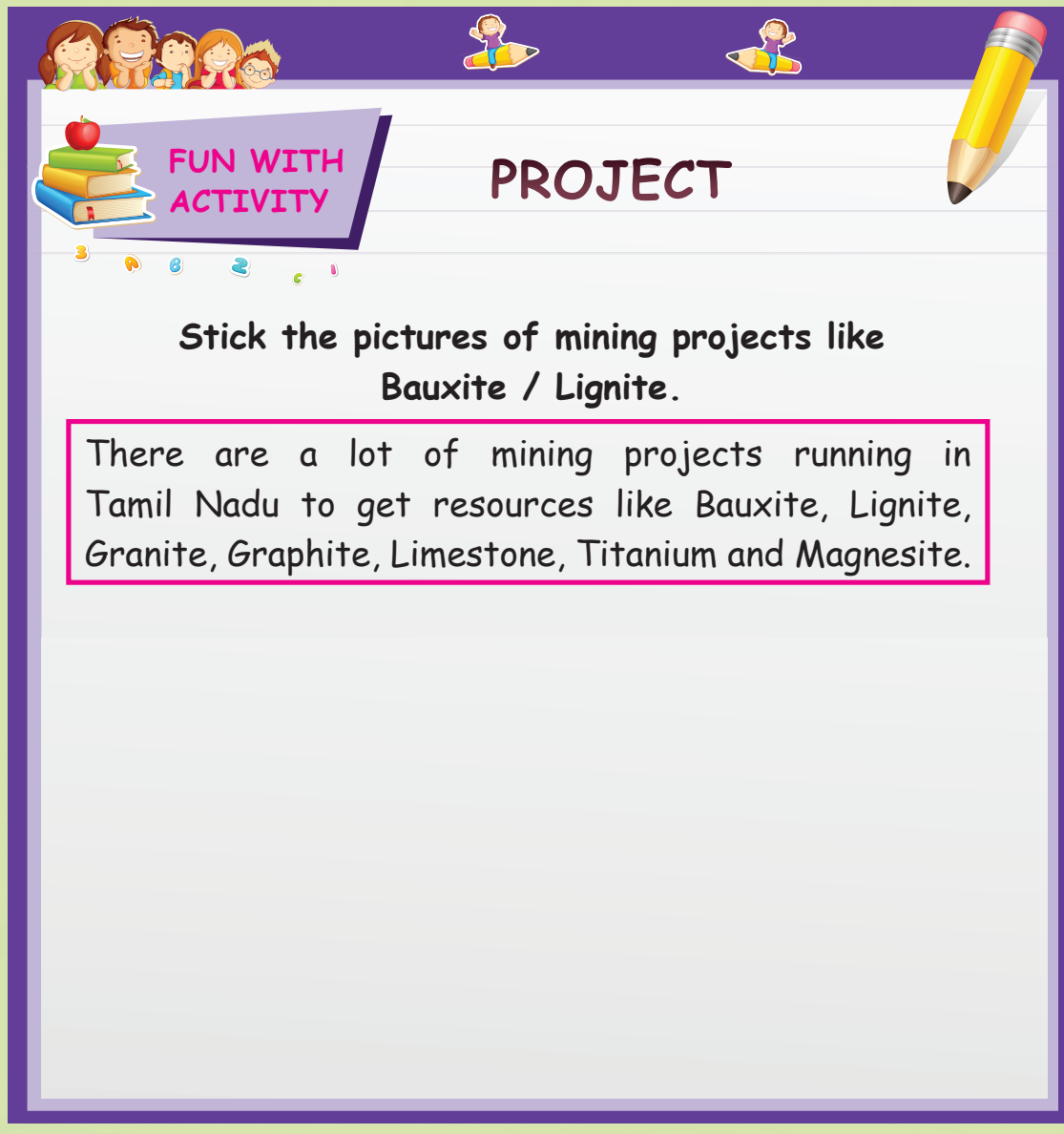


**II. Match the following.**

1	Bauxite	Railway tracks
2	Iron Ore	Copper
3	Zinc oxide	Aluminium
4	Metal Wires	Soap
5	Potash	Rubber products

### III. Answer the following.

1. Name some minerals found on the earth.
2. Name some minerals that are conductors of electricity.
3. Write few uses of Copper.
4. Give a short note on Iron ore.
5. Why Zinc is called the essential trace element?



**FUN WITH ACTIVITY**

## PROJECT

Stick the pictures of mining projects like Bauxite / Lignite.

There are a lot of mining projects running in Tamil Nadu to get resources like Bauxite, Lignite, Granite, Graphite, Limestone, Titanium and Magnesite.





# UNIT 3

## CHILD SAFETY



### Learning Objectives

Children will be able to:

- ❖ describe the importance of Childline.
- ❖ understand child safety.
- ❖ distinguish between safe touch and unsafe touch.



Father is reading the newspaper. While the son and daughter peeps into the paper and finds an advertisement of 'Childline- 1098'.



**Son:** Dad, What does this **Childline number** mean?



**Father:** **Childline number** is a helpline number for children under the age of eighteen.



**Daughter:** Oh! Do they help children in doing their homework?



**Father:** Ha, ha! No, dear. It helps children who are in need of help and care.



**Son:** I didn't know about this.



**Father:** Childline service was first established as a project in the year 1996. Later between 1998-99, Childline was established all across India under the Ministry of Women and Child development.



**Son:** It has been there for a very long time then.



**Father:** Yes! In May 2013, Childline in Ahmedabad rescued around 16 children who were working in various parts of the city. **Child Labour** is an offence in India.

**Daughter:** Oh! Is it?



**Father:** Childline helps children who

- are work as labourers.
- are abandoned by their parents.
- are differently abled.
- are live in streets.

**Son:** How do they exactly know where and how children need help?



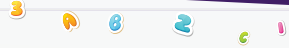
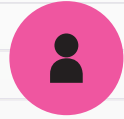
LET US  
**KNOW**

**Integrated Child Development Services (ICDS)** is a centrally sponsored scheme of government of India for early childhood care and development.





**ACTIVITY**  
Let us do

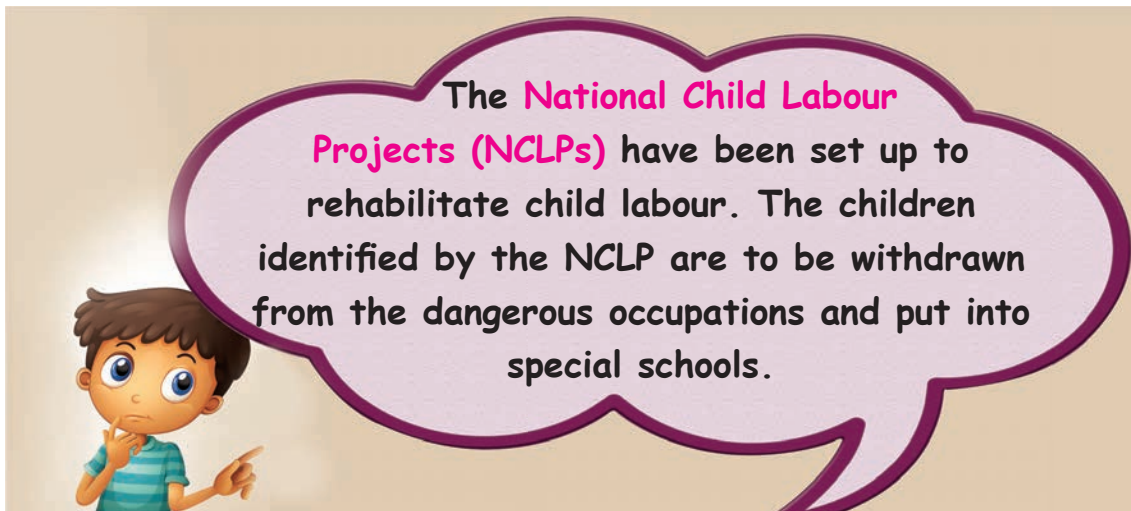


Which is the safest way of travelling?  
Put (✓) or (X) in the boxes.





**Father:** Childline number is **1098**. One can call on this number and ask for help or inform if they find children who need help.



**Son:** Oh I understand now. A child's safety is very important.



**Father:** Well said, son. There are many laws to protect children.



**Daughter:** What are they?





**Father:** We have helplines and laws to support and protect children. But it is very important to teach children of how to be safe and aware of what's happening around them.



**ACTIVITY**  
Let us write



Which is Safe touch / Unsafe touch?



\_\_\_\_\_



\_\_\_\_\_



**Son:** Oh, good to know.



**Daughter:** What are you going to teach us, Dad?



**Father:** I will teach you about Safe touch and unsafe touch.



**Son:** Tell me more about it.



**Father:** Hugs from family, or high-fives with your friends are all safe touch.



**Daughter:** What is unsafe touch, dad?



**Father:** It is unsafe when someone touches your chest, between your legs or lips or asks you to touch theirs.





**Son:** What about when I am not well and go for a check-up to a doctor?



**Father:** That's a very good question, dear. Doctors may touch these parts while they are doing a check-up and either me or your mother are in the same room.

**Daughter:** Okay, dad.



**Father:** If someone touches you unsafely they might scare you to keep it as a secret. They might get you gifts that you don't tell anyone. But remember dear, you must always inform me or your mother about it.

**Son:** Yes, I will definitely inform you or mom.



LET US KNOW

The **Indian Penal Code 1860**, punishes people who involve in child trafficking. There is also The **Prohibition of Child Marriage Act**, that prevents child marriages.



The Ministry of Women and Child Development has placed the draft **National Policy on Child Protection**. It aims at providing a safe environment for all children.



**Father:** If you are ever touched on any of these parts of your body by someone you know or someone in the family, then you must inform your teacher or another family member.

**Son and Daughter :** Sure, Dad. We will definitely inform if something like this happens. Thank you for talking to us about this.



**Father:** Don't thank me because it is every parents' and teachers' duty to talk to children about this. It will help you be safe and happy.





## Glossary

- Labour : Heavy physical work
- Prohibition : Refusal to approve
- Rescue : Save from danger



## Recap

- Childline helps children who are in need of care and protection.
- Childline was first established as a project in the year 1996.
- Childline helps children under the age of eighteen who work as labourers.
- Hugs from family, or high-fives with friends are all safe touch.
- If someone touches chest, between your legs or lips of your body is unsafe touch.





## EVALUATION



### I. Choose the correct answer.

- What is the Childline number?  
a) 1099      b) 1098      c) 1089
- Childline helps children under the age of \_\_\_\_\_.  
a) twenty      b) nineteen      c) eighteen
- Childline helps children who \_\_\_\_\_.  
a) work as labourers      b) needs help with homework  
c) both a and b
- A doctor touching a child's private part of the body while check-up while the child's father or mother is in the same room is \_\_\_\_\_ touch.  
a) unsafe      b) safe      c) none of the above
- If someone gives you a unsafe touch, what will you do?  
a) inform parents      b) keep it as a secret  
c) both a and b

### II. Write true or false.

- Child labour is not an offence. (      )
- If someone is asking to touch the private parts of their body, it is unsafe touch.(      )
- If someone gives us an unsafe touch, we must tell our parents or teacher. (      )

4. Indian Penal Code 1820 punishes people involved in child trafficking.  
(        )
5. The Childline helps children who work as labourers. (        ).

**IV. Answer the following**

1. Write a short note on Childline.
2. When was Childline established? Which ministry does it fall under?
3. What is safe touch?
4. What is unsafe touch?
5. What should you do if someone touches you unsafely?



**FUN WITH ACTIVITY**

**PROJECT**

**Collect more information about child welfare schemes.**

The graphic features a yellow banner with the text 'FUN WITH ACTIVITY' and 'PROJECT'. Below the banner, there is a large white area with the instruction 'Collect more information about child welfare schemes.' The graphic is decorated with illustrations of children, books, and a pencil.

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