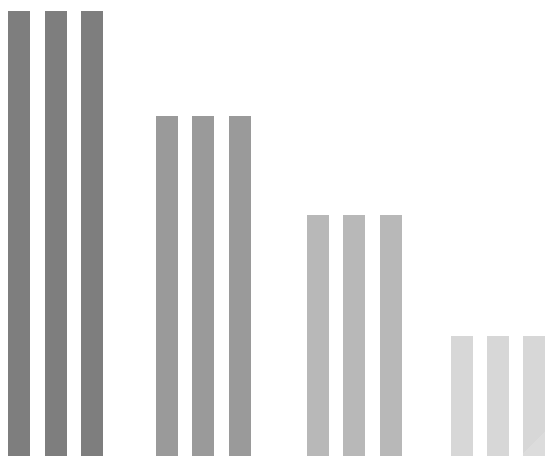
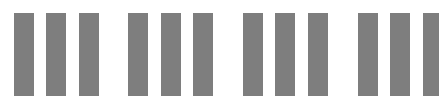




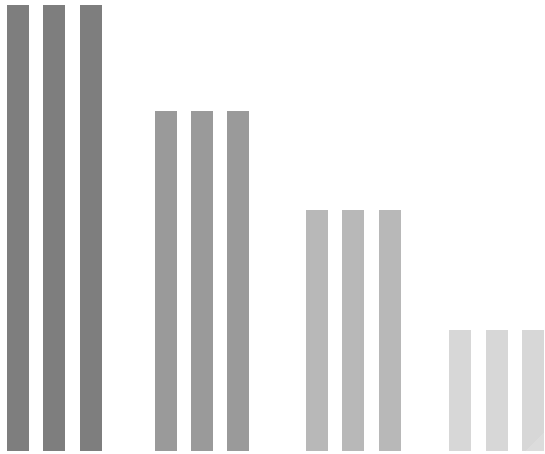
# ART INTEGRATION



<b>Chapter Covered</b>	<b>National Income and Related Aggregates</b>
Topic covered	GDP and Welfare
Art Integrated	Role-play
Objective	<ol style="list-style-type: none"><li>1. Understand the concept of National Income</li><li>2. Understand the concept of welfare related to GDP</li><li>3. Understand the concept of role of externalities.</li><li>4. Relate concept of welfare with our real world</li></ol>
Material Required	Table, Chairs, Costumes, 3 Files, a jury hammer.
Methodology of activity	<ol style="list-style-type: none"><li>1. Students will write a script including dialogue for all group Members.</li><li>2. Divide the roles</li><li>3. The students will perform different roles according to the script.</li></ol>
Learning Outcomes	<ol style="list-style-type: none"><li>1. Students learns to develop the ability to connect different aspects with the real world.</li><li>2. Students improve their communication skills.</li><li>3. Coordination and team-work will be improved.</li><li>4. Creativity will be enhanced.</li></ol>
Follow up activity	While role-play students will be closely observed by the teacher, Later, teacher will discuss the area of improvement with the students and measures to overcome them.



# ART INTEGRATION



## GDP & Welfare

### Role - Play

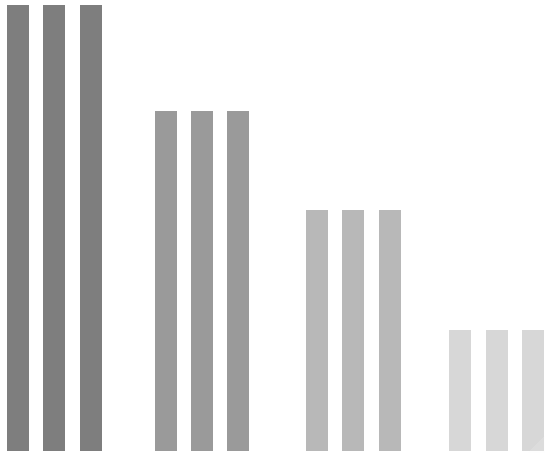
#### Characters:

- ★ **Madhav:** An industrialist.
- ★ **Jonny:** Madhav's Partner and advisor.
- ★ **Naveen:** An environmentalist
- ★ **Varun:** A social activist
- ★ **Lokesh:** Madhav's Lawyer
- ★ **Manoj:** Naveen's Lawyer

**Judge, people in the courtroom.**



# ART INTEGRATION



## Scene - 1 (Madhav's Office)

[Madhav is with Jonny and Lokesh. Madhav has a letter with him.]

**Madhav:** (Reads the letter) This is so insane. How can they do this to me?

**Jonny:** What has happened? (Takes the letter from Madhav and reads it) I had told you that this will be the problem. The new environmental laws are strict.

**Madhav:** But filling a case just for a simple pollution. It is not done. How will the country develop if this sort of things goes on?

**Jonny:** Now the matter is out of our hand. Lokesh read the letter, only you can give us some legal advice now.

Lokesh reads the letter.

**Lokesh:** Madhav you will have to pay the compensation. I cannot help you much here. The externalities created by your factory is much high. The letter says that 50 people have died consuming the water where your factory throws the pollution and 200 are seriously critical. The only thing I can do is reduce the amount of compensation.

**Madhav:** (looking sad and tensed) My reputation is at stake.

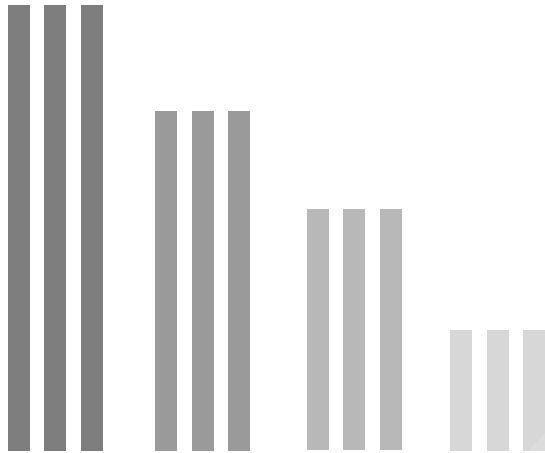
**Jonny:** Don't you worry. The things will be alright. So the things will go to the court only then. (He looks at Lokesh.)

**Lokesh:** Yes.

**Jonny:** Then let's see how much loss we have to suffer.



# ART INTEGRATION



## Scene - 2 (Court Room)

[Naveen and Varun are there with their lawyer Manoj and sitting on one side of the table. Madhav, Jonny and Lokesh are on the other side. There are some people sitting in the court room.]

**Madhav:** What have I done wrong to the two of you?

**Naveen:** Don't act like you don't know what you have done.

**Madhav:** I just set up a medicine factory to provide medicines to the poor at a very low cost.

**Naveen:** But you need to have taken care of the environment as well.

(Enter the Judge)

**Judge:** So again a case of environmental externality. So Mr. Manoj can you brief the accused of what he has done.

**Manoj:** Yes your honour. The accused Mr. Madhav has set up a chemical factory near the lake of the town. The lake is the water supply source of all the people around the lake. Though he has provided employment to a lot of people but the pollution he has caused in the water has led to the death of 50 citizens and 200 are critical. Not only that, but the water is also used for farming and so it has resulted in crop failure, causing a loss to the farmers as well. In order to generate employment he has rather created poverty in the area.

**Madhav:** (Angrily) I didn't do it on purpose.

**Judge:** Mr. Madhav, you need to stay calm. So, has the defendant anything to say.

**Lokesh:** Yes your honour. We are aware that the situation is not good, but I would also like to bring to your notice these things. (Hands in a file to the Judge. The Judge goes through it.) As you can see, my client Mr. Madhav, though has created pollution but has also generated

employment to 600 people of the town. Not only that, he has made a beautiful garden, which helps in carbon sink of the air pollution his factory creates and also acts as a place for recreation. I understand the negative externality is also created, but with the positive externality that he has created with his factory and efforts, the compensation amount of ₹5,00,000 should be brought down. He did open the factory to help the poor. I also urge you to direct the municipality to create a proper sewage facility and help us out.

**Judge:** Do you have anything else to say?

**Manoj:** The compensation amount is not for us but for the people who have suffered and has been calculated accordingly.

**Lokesh:** But the situation is entirely not our fault. The municipality was to create a sewage line for the factory and waste treatment facility, but they also didn't do that.

(He hands over another file to the judge.)

**Manoj:** Your client could have waited until the municipality completes the plant.

(He hands over a file to the judge.)

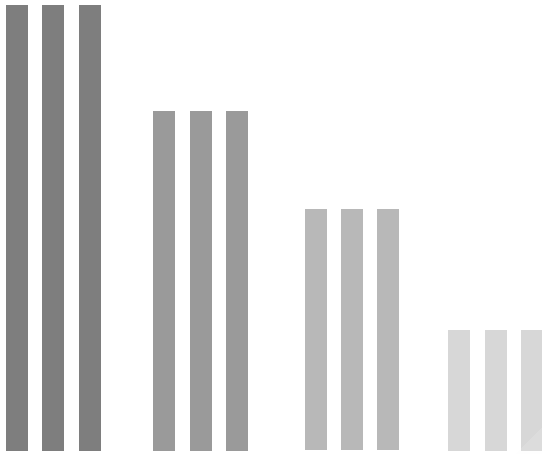
**[The judge carefully reads both the files]**

**Judge:** Looking at everything, I conclude that Mr. Manoj is at fault here. But as he had taken necessary measures as well, the court reduces the compensation amount to ₹2,00,000 and also direct him that the operation of the factory will only start after the waste treatment plant is over. He has to continue paying the salaries to his employees during this time and also pay the medical bills of the patients. The court is adjourned.





# ART INTEGRATION



Chapter Covered	Problems and measures of Excess and Deficit Demand
Topic Covered	Measures to Correct Deficient and Excess Demand
Art Integrated	Collage making
Objective	<ol style="list-style-type: none"> <li>1. Understand the concept of excess demand and deficit demand</li> <li>2. Relate concepts of excess demand and deficient demand is dealt with in real life.</li> <li>3. Analyze real life situations to apply these concepts</li> <li>4. Develop skills to relate different measures to correct the deficient and excess demand with each other</li> </ol>
Material Required	Chart Paper, Pictures/Newspaper cutting/Magazine cutting, pencil, sketch pens, and glue stick
Methodology of activity	<ol style="list-style-type: none"> <li>1. Collect Pictures/Images/Newspaper cutting/Magazine cutting or use internet to browse scenes of politicians like, RBI governor, Finance Minister etc.</li> <li>2. Relate these images with the different concepts of the chapter covered, like, fiscal policy and monetary policy.</li> <li>3. Paste different images on a chart paper in a collage form.</li> <li>4. Write the concepts used in the form of conversation among different characters.</li> <li>5. Place that on soft board and explain concepts used to the class.</li> <li>6. Questions and answers will be discussed using real life situations.</li> </ol>

Learning Outcomes	<ol style="list-style-type: none"><li>1. Students learn to develop the ability to connect different aspects with the real world.</li><li>2. Students improve their communication skills.</li><li>3. Students develop the skills of collage making.</li></ol>
Follow up activity	Student will be asked to prepare collage on other topic, like; functions of central banks, government budget etc.



I have an idea. Let's increase the government expenditure

We need to do something very fast. Let's decide in this meeting

I am here to destroy the economy. There will be deficit demand because of me now.

Don't you know government is low on funds due to the lockdown.

Excellent idea

The RBI has a better solution. We should decrease the bank rate.

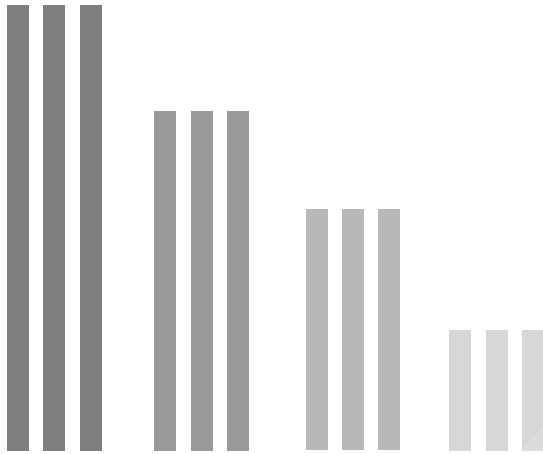
Very good Idea. This will increase the money supply in the economy and the consumer's will demand more even if they are at home.

Month	Value
Feb 20	45
Mar 20	50
Apr 20	55
May 20	60
Jun 20	70
Jul 20	80
Aug 20	90
Sep 20	100





# ART INTEGRATION

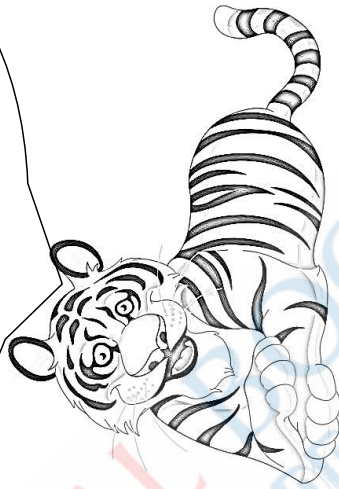


Chapter Covered	Development Experiences of India
Topic covered	Development Experiences of India
Art Integrated	Sketching
Objective	<ol style="list-style-type: none"> <li>1. Understand the importance of comparison of India and its neighbours.</li> <li>2. Understand what can be learnt from the development of the neighbours.</li> <li>3. Relate the need of comparative study with our real world</li> </ol>
Material Required	Chart paper, pencil, eraser, etc.
Methodology of activity	<ol style="list-style-type: none"> <li>1. Recap of development experiences and comparison with the neighbours taught in the class.</li> <li>2. Draw a sketch on any of the aspects of the development of all the countries.</li> </ol>
Learning Outcomes	Students will be able to compare the development strategies of India and other countries.

I am China, Due to my stringent growth strategy and Economic Reforms of 1978 I am about to be as powerful as USA.



I am your favourite India. I did my economic reforms in 1991. the last one to do so but I am one of the fastest growing economies of the world. One day I will be the world's super power.



Hi, I am Pakistan. My Economic Reforms didn't work much. But still I will one day be better than India.

