

LESSON TITLE: Forests Our Lifeline

TIME [60 minutes]

OVERVIEW

Learners will learn about the trends in urbanization and the causes of urban growth. They will also learn about the demographic, health, environmental and social consequences of urbanization.

SUBJECT/TOPIC
Forests Our Lifeline

AGE LEVEL
Grade VI-VII

 **Learning Objectives**

Learners will be able to:

1. explain the main cause of urban growth.
2. create a chart that outlines the positive and negative effects of urbanization.

 **Inquiry**

1. Why do many people prefer to live in the city?
2. List the problems with urbanization.

 **Materials Needed**

1. Access to Time lapse Tool
3. Computer with projector
3. Student Copies of lesson quiz
4. Student Internet access

 **Lesson Summary**

- Engage: Learners will be engaged using urbanisation simulation.
- Explore: Gather information about urbanisation in the area they are living in.
- Explain: Identify the impact of urbanisation on air quality, population density of the area.
- Revise: Adjust hypotheses based on additional evidence from class discussion
- Apply: Make an impact by organizing

	educational campaign and an action plan that addresses the threats of urbanisation.
 Sustainable Development Goals <ol style="list-style-type: none"> 1. SDG-11 2. SDG-12 3. SDG-13 	 Culminating Task/Assessment <p>Students will work collaboratively to create an educational campaign about the effects of urbanisation to make everyone aware of the negative and positive impacts.</p>

 **Textbook Chapter : Forests Our Life Line**

Engage (5 minutes)

Teacher will introduce the topic by asking the question:

- How are Trees important to people and the ecosystems around them?

Explore (25 minutes)

- Teachers introduce the first source of information using an Timelapse tool.
<http://thumbnails.cmucreatelab.org/thumbnail?root=https%3A%2F%2Fstorage.googleapis.com%2Fearthengine-timelapse%2F2018%2Fdata%2F20190322%2F&width=1280&height=720&format=gif&fps=5&tileFormat=mp4&startDwell=0&endDwell=0&boundsLTRB=1508415%2C876686%2C1509259%2C877161&startFrame=0&nframes=35>
- Learners record their observations on the link shown and will infer:

- (i) Why do many people prefer to live in the city?
- (ii) List the problems with urbanization

Explain (20 minutes)

- Learners are divided into small groups.
- Learners share the “hypothesis” with the peers on deforestation and urbanisation.
- Learners will explain the main cause of urban growth.
- Learners will relate deforestation with urban growth.

Revise (10 minutes)

- Learners will create a chart that outlines the positive and negative effects of urbanization

Credits

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