

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
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Engage (5 minutes)
<p>Teacher will introduce the topic by asking the question:</p> <ul style="list-style-type: none"> • How are Trees important to people and the ecosystems around them?

Explore (25 minutes)
<ul style="list-style-type: none"> • 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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