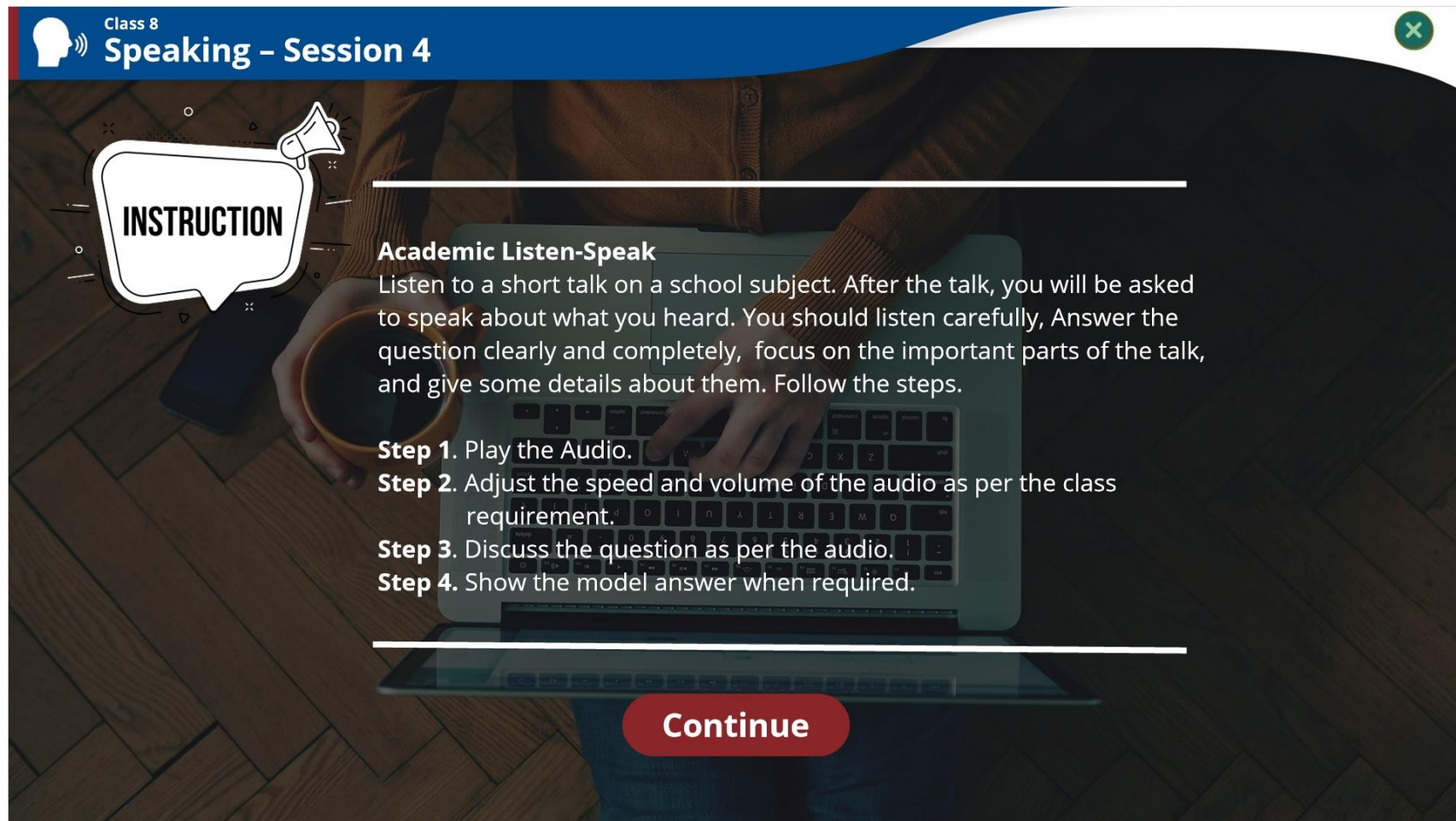


### 1.1 Introduction- Day 8 - Academic Listen-Speak



### 1.2 Instruction - Academic Listen-Speak

The slide features a background image of a person's hands typing on a laptop keyboard while holding a cup. A blue header bar at the top contains a speaker icon, the text 'Class 8', and 'Speaking - Session 4'. A green close button is in the top right corner. On the left, a white speech bubble with a megaphone icon contains the word 'INSTRUCTION'. The main text area is divided by horizontal lines and contains the title 'Academic Listen-Speak', a paragraph of instructions, a list of four steps, and a red 'Continue' button at the bottom.

**Class 8**  
**Speaking - Session 4**

**INSTRUCTION**

**Academic Listen-Speak**  
Listen to a short talk on a school subject. After the talk, you will be asked to speak about what you heard. You should listen carefully, Answer the question clearly and completely, focus on the important parts of the talk, and give some details about them. Follow the steps.

- Step 1.** Play the Audio.
- Step 2.** Adjust the speed and volume of the audio as per the class requirement.
- Step 3.** Discuss the question as per the audio.
- Step 4.** Show the model answer when required.

**Continue**

## 1.3 Activity 1 - Academic Listen-Speak



&lt;&lt; Click the Audio icon to play the audio.

Class 8  
**Speaking – Session 4**

**Academic listen-speak**

Can you explain the steps of Photosynthesis? Discuss the role of sunlight absorption, Carbon dioxide conversion, Oxygen release, and Glucose storage. How does Photosynthesis benefit both plants and the environment?

**Show Model Answer**

### Audio Script:

Good day, budding Scientists! Today, let's explore the fascinating process of Photosynthesis, a vital mechanism that allows plants to harness energy from the sun. Consider it as the green engine driving life on Earth.

**Absorption of Sunlight:** First, we have the absorption of sunlight. Plants contain a special pigment called Chlorophyll that absorbs sunlight, particularly in the red and blue parts of the light spectrum.

**Conversion of Carbon Dioxide:** Following sunlight absorption, plants take in Carbon Dioxide from the air. Through a series of intricate chemical reactions, Carbon Dioxide is transformed into Glucose, a form of sugar that serves as the primary energy source for the plant.

**Release of Oxygen:** Simultaneously, as plants do Photosynthesis, they release Oxygen into the atmosphere. This process generates energy for the plant and contributes to the Oxygen we breathe.

**Storage of Glucose:** Finally, plants store the synthesized Glucose for their own energy needs. This stored energy is utilized for growth, reproduction, and other essential functions.

So, that's the process of Photosynthesis! Now, let's assess your understanding.

Answer - Activity 1



&lt;&lt; Click the Audio icon to play the audio.



Class 8

## Speaking – Session 4

*Academic listen-speak*

Can you explain the steps of Photosynthesis? Discuss the role of sunlight absorption, Carbon dioxide conversion, Oxygen release, and Glucose storage. How does Photosynthesis benefit both plants and the environment?

**Model Answer**

The teacher explained the process of Photosynthesis with four crucial steps. Sunlight absorption by Chlorophyll initiates the process of converting Carbon Dioxide into Glucose. Concurrently, Oxygen is released into the atmosphere. Plants then store the synthesized Glucose, utilizing it for their energy needs. Photosynthesis sustains plant life and enriches the environment by producing Oxygen, a fundamental component for various life forms on Earth.

**Next**



1.4 Thank You

