

Sample Lesson Plan

Topic: Photosynthesis
Grade: Class 3
Duration: 40–45 minutes
Objective: Students will understand the basic concept of photosynthesis and its importance to plants.

Anchor (Connect to Prior Knowledge)

Time: 5 minutes

Purpose: Help students relate the new concept to what they already know.

- Begin with a question: “Have you ever wondered how plants grow without eating like us?”
- Show a picture of a healthy green plant vs a withered one. Ask: “Why do you think one looks happier than the other?”



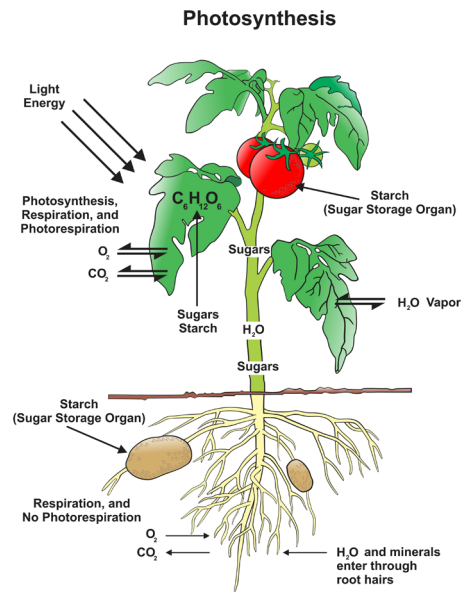
- Relate to daily life: “Plants don’t go to the kitchen, but they still make their own food!”

Add (Introduce New Knowledge)

Time: 15 minutes

Purpose: Present new learning with clarity and simplicity.

- Explain in simple terms:
 - Plants use **sunlight, water, air (carbon dioxide)** and **green leaves** to make food.
 - This process is called **photosynthesis**: “photo” means light, and “synthesis” means putting things together.
- Use props or a simple animation/video showing the process.
- Visual aid: Draw and label a basic diagram of photosynthesis on the board.



Apply (Practice New Learning)

Time: 15 minutes

Purpose: Let students try out their new knowledge.

- Activity: "Photosynthesis Role Play"
Assign students roles — Sunlight, Water, Air, Leaf. Let them enact how they come together to help the plant make food.
- Worksheet: Fill in blanks or match pictures to labels (Sun → Leaf → Food).

Away (Transfer Learning to Life)

Time: 10 minutes

Purpose: Encourage students to reflect and think about real-world applications.

- Discussion: "Why are trees important to us?"
- Question: "What would happen if there were no green plants?"
- Challenge: Ask students to observe a plant at home and draw its "food-making factory."

Assessment & Closure

- Recap the main steps of photosynthesis.
- Quick oral quiz: "What does the sun help the plant do?" / "What is the job of leaves?"
- Encourage questions like "Can plants make food at night?" to prompt curiosity.