

## **Lesson Plan**

**Name:** Misbah Bashir

**Roll No.** EDUC64S24R003

**Program:** B.Ed 1.5 General

**Subject:** computer

**Topic:** Emerging Technologies

**Grade/Class:** 7th

**Behavioral Objectives:**

At the end of the lesson, students will be able to:

- Define emerging technologies.
- Identify key characteristics of emerging technologies.
- Explain how these technologies impact daily life, work, and society
- Describe various emerging technologies and their uses.

**List of Major and minor Concepts :**

### **1. Introduction to Emerging Technologies**

1.1 Definition

### **2. Characteristics of Emerging Technologies**

2.1 Impact on Various Sectors

2.2 Enhance Connectivity

2.3 Continuous Development and Improvement

### **3. Some Example of Emerging Technologies**

3.1 Robotics

3.2 Artificial intelligence

3.3 self-driving cars

3.4 3D printing

3.5 Virtual reality & augmented reality

3.6 3D and holographic imaging

4. Conclusion

**Method(s) and/or Technique(s) of Teaching Employed:**

- ✓ Lecture method

- ✓ Flipped classroom
- ✓ Question and answer session
- ✓ Discussion method
- ✓ Hands on Training

**Resources and Materials Required:**

- ☐ Projector and Computer
- ☐ Internet connection
- ☐ Handouts with information (Book or Notes)
- ☐ Whiteboard/markers
- ☐ Simulation software

**Previous Knowledge Activation/Testing:**

Teacher Activities	Student Activities
<ul style="list-style-type: none"> <li>● Before the Lesson (5 Minutes):</li> <li>● Ask students:</li> <li>● What technology do they use every day?</li> <li>● What do they think “emerging technology” means?</li> <li>● Can they name a new technology that has changed the world recently?</li> </ul>	<ul style="list-style-type: none"> <li>● Take part in discussions.</li> <li>● Watch and listen to the teacher’s explanations.</li> </ul>

**Presentation / Delivery Procedure:**

Teacher Activities	Student Activities

<p><b>1. Introduction :</b></p> <ul style="list-style-type: none"> <li>• Introduce the concept of emerging technologies.</li> <li>• Ask students if they have heard of emerging technologies.</li> <li>• Write the definition on the board: "New technologies that help us do things better."</li> </ul> <p><b>2. Direct Instruction</b></p> <ul style="list-style-type: none"> <li>• Explain the key features of emerging technologies.</li> <li>• Explain key characteristics emerging technologies.</li> </ul> <p><b>3. Provide examples of emerging technologies:</b></p> <ul style="list-style-type: none"> <li>- Robots</li> <li>- Artificial Intelligence (AI)</li> <li>- Self-Driving Cars</li> <li>- 3D Printing</li> <li>- Virtual Reality (VR)</li> </ul> <p>Use simple language and examples to help students understand.</p> <p><b>4. Independent Practice</b> (10 minutes) Ask students to think of ways emerging technologies can impact their daily lives.</p> <p><b>5. Conclusion</b> (5 minutes)</p> <p><b>Summarize key points.</b></p> <p>Review the key features and examples of emerging technologies.</p> <p>Ask students to reflect on what they learned.</p>	<ul style="list-style-type: none"> <li>• Participate in discussions</li> <li>• Engage in hands-on activities</li> <li>• Write about how new technologies can help you.</li> <li>• Find examples of new technologies in daily life</li> <li>• Discuss good and bad points of Artificial Intelligence.</li> <li>• Question Answer about Emerging Technologies.</li> </ul>
---	---

**Evaluation / Assessment Strategies:**

Informal Assessment	Formal Assessment
Quick Question Answer session to check understanding .	Short Quiz with multiple choice or short answer questions

**Assigning Homework:**

Write a short paragraph about an emerging technology that interests you and how it can improve our lives.

**Self-Reflections:**

Were student interested and engaged ?

Did they understand the lesson well?

How can the lesson be improved next time?

**Remarks of the Observer:**

-----

-----

-----

-----