LESSON PLAN SAMPLE

Grade: Year 9/ 8th	Subject: Mathematics	Date: 00/00/0000

Topic: Factorization (Taking out Common Factor)	Lesson # 1

SLOs:
By the end of the lesson, Student will be able to:
- Identify and extract the HCF from algebraic expressions
- Factorize expressions using the Common Factor Method
- Explain their reasoning clearly during solving
- Use Beestar Mathematics platform to practice factorization fluency

Structure/Activity:

Time	Teacher Activity	Student Activity	Skills
0–5 min	Greeting, share SLOs and lesson objectives	Listen and respond	Setting lesson expectations
5–12 min	Recall previous knowledge: ask "What is a common factor?" Give 2 quick examples.	Answer orally using mic/chat	Activating prior knowledge
12–20 min	Direct Teaching: Explain factorization by common factor using simple examples (e.g., $6x + 9 \rightarrow 3(2x+3)$) on digital board.	Take notes, ask questions	Concept understanding
20–30 min	Guided Practice: Solve 3–4 questions together (e.g., $5a + 10 = 5(a+2)$, $8xy + 4x = 4x(2y+1)$)	Solve with teacher support	Skill demonstration
30–40 min	Student Practice (Independent): Give 3 similar problems. Students solve and share answers in chat / show on camera.	Solve individually & respond	Formative assessment
40–50 min	Beestar Math Practice: Share screen → show how to attempt Factorization Exercise on Beestar. Students do 4–5 questions online.	Practice on Beestar live	Digital & self-paced practice
50–55 min	Review common mistakes, clarify misunderstandings	Ask questions if confused	Address misconceptions
55–60 min	Plenary / Wrap-up: Quick exit quiz (3 MCQs in chat) Announce homework	Answer quiz and note homework	Learning consolidation

Assessment For Learning:
Oral questioning, Quick exit quiz, Beestar practice performance

Classwork: Solve the guided practice questions done in class again in notebook.

Homework: Textbook Exercise: Page ___ Q# 1, 2, 3 + Beestar Math Factorization Practice (remaining questions)