# Make a lesson plan based on the following learning intention: Adding 2 digit numbers within 40. 

Learning Intention:
Students will be able to add two-digit numbers within 40 correctly.
Objectives:

1. Students will be able to identify two-digit numbers and add them together.
2. Students will be able to use various strategies such as making a ten or using the place value chart technique to add two digit numbers.
3. Students will be able to explain how to add two digit numbers within 40.

Materials:
-Whiteboard and markers
-Number strips (0-40)
-Place Value Chart
-60 equation cards (containing two-digit numbers within 40)
Procedure:

1. Introduction: (10 minutes)

- Introduce the lesson objectives and explain why addition of two digit numbers within 40 is an important skill.
- Ask students to generate different strategies to solve two-digit numbers within 40.

2. Demonstration: (10 minutes)

- Demonstrate proper methods on whiteboard for solving two-digit numbers within 40.
- Ask for student feedback to improve the methods.

3. Student Collaboration: (15 minutes)

- Divide the class into small groups of three.
- Give each group number strips ( $0-40$ ), place value chart and equation cards (containing two-digit numbers added within 40).
- Ask each group to practice problem solving within the group, asking each student to solve one equation on the board.
- Ask group members to provide feedback and corrections while solving the two-
digit numbers.

4. Assessment: (15 minutes)

- Ask students to form two lines and give each student one equation card (containing two-digit numbers within 40).
- Students will take turns to solve the equations on the board and discuss the solutions.
- Provide praise and corrections to students as needed.

5. Reflect: (5 minutes)

- Ask each student to share what strategies they used to solve the equation cards.
- Encourage students to reflect on what strategies worked best for them and what strategies weren't effective.
- Discuss how understanding addition of two-digit numbers within 40 can help students in future maths experiences.

