Semi-detailed lesson plan sample: Grade 4 Mathematics, equivalent fractions

Illustration of a teacher-made plan for this template. No classroom results are claimed. Replace the learning competency with the exact wording and code from the curriculum guide for your grade.

School	(your school)	**Teacher**	(your name)
Learning area	Mathematics	**Grade and section**	Grade 4 (about 40 learners)
Quarter or term, week	(term, week)	**Date and time**	(date)
Duration	50 minutes	**Lesson in the unit**	Lesson 2 of 4: fractions

I. Objectives

Learning competency (with code)
(Copy the official competency on equivalent fractions, with its code.)

Objectives
At the end of the lesson, learners should be able to: a. identify equivalent fractions; b. write two fractions equivalent to a given fraction by multiplying the numerator and the denominator by the same number; c. show cooperation when sharing materials during group work.

II. Subject Matter

Topic
Equivalent fractions

References
(Curriculum guide; teacher's guide and learner's material pages on equivalent fractions for your grade.)

Materials
Paper strips of the same length (three per group), crayons, a bibingka (or a picture of one) cut into 2, 4 and 8 equal slices, activity cards, 1/4 sheets of paper for the evaluation.

Values integration
Cooperation and fair sharing during group work.

III. Procedure

Part of the lesson	Min	Activities and key questions	Expected output
A. Preliminary activities	5	Prayer, greetings and attendance. Review: learners name the fraction shaded in three shapes on the board (1/2, 1/3, 3/4). Motivation: show a bibingka cut into 2, 4 and 8 equal slices and ask: is 1 slice of 2 the same as 2 slices of 4?	The three fractions named correctly.
B. Activity	10	Groups of four get three paper strips of the same length. They fold the first strip into 2 equal parts, the second into 4 and the third into 8, then shade 1/2, 2/4 and 4/8. Key question: which shaded parts have the same length?	Three strips with shaded parts of the same length.
C. Analysis	8	Key questions: What do you notice about 1/2, 2/4 and 4/8? When a strip has more folds, what happens to the number of equal parts and to the number of shaded parts? Can different fractions name the same part of a whole?	Learners say there are more parts and more shaded parts, and the shaded length stays the same.

Part of the lesson	Min	Activities and key questions	Expected output
D. Abstraction	10	Learners and teacher state the rule: equivalent fractions name the same part of a whole. To find one, multiply (or divide) the numerator and the denominator by the same number, not zero. Board examples: 1/2 = 2/4 = 4/8 and 2/3 = 4/6 = 6/9.	The rule written in notebooks in learners' own words.
E. Application	10	Pairs solve: Ana ate 4/8 of a bibingka and Ben ate 1/2 of a bibingka of the same size. Who ate more? Then complete: 3/4 = ?/8, 2/5 = 4/?, 1/3 = ?/12.	They ate the same amount; 6, 10, 4.

IV. Evaluation

Evaluation items, success criteria and answer key
Answer on a 1/4 sheet of paper (7 minutes). 1. Is 2/6 equivalent to 1/3? Write yes or no. 2. 3/5 = ?/10 3. 1/4 = 3/? 4. Write two fractions equivalent to 2/3. 5. Which fraction is NOT equivalent to 1/2: 3/6, 4/8 or 5/8? Success: 4 of 5 correct. Key: 1. yes 2. 6 3. 12 4. for example 4/6 and 6/9 5. 5/8. Objective c is checked by observation during the Activity, with a three-point group checklist: takes turns folding, shares the strips, helps a groupmate.

V. Assignment

Assignment
Find two things at home that are divided into equal parts (for example a chocolate bar or an egg tray). Draw each one, shade some parts and write two equivalent fractions for the shaded part.

Notes after teaching (optional)

Remarks and reflection
(To fill after teaching: number of learners with 4 or 5 correct; items most often missed; what you will reteach.)

Original Draft My Lesson layout, free to use and adapt. The semi-detailed lesson plan is not an official DepEd form: rename, add or remove headings to match what your school, college or cooperating teacher requires. In DepEd public schools, check the lesson planning rules of DepEd Order No. 016, s. 2026 on deped.gov.ph.