5th Grade Maths Lesson Plan — Chapter 2: Fractions

School Name: _____ Teacher: _____ From Date: _____ To Date: _____

Learning Outcomes :

- Identify, visualize, and generate equivalent fractions.
- Compare fractions with identical numerators or denominators.
- Represent fractions greater than 1 (improper/mixed) on a number line.

Stage	Learning Goals	What the Teacher Does	What the Students Do	Tools & Materials	Sign
Engage (Get Interested)	Spark curiosity about parts of a whole vs different shapes.	Show a fraction grid and ask students to shade 1/6 in blue. Present two chocolates of unequal sizes to challenge fraction comparisons.	Complete shading operations on grids. Debate why eating 2/3 of a chocolate might change based on the initial size of the whole.	Graph grid worksheets, shaded chocolate prints.	
Explore (Look & Find)	Discover fraction equivalence through physical manipulatives.	Ask student groups to combine fraction pieces from their kit to create a complete whole.	Experiment with pieces: Find that one 1/2 piece and two 1/4 pieces merge perfectly to make a whole.	Fraction strip kits, circular cutouts (1/2, 1/4, 1/6, 1/12).	
Explain (Learn & Understand)	Formalize the mathematical definition of equivalent fractions.	Explain the approach of drawing horizontal lines across a shaded 1/3 rectangle to show 2/6, 3/9, and 4/12.	Take notes on how multiplying or dividing the numerator and denominator by the same value creates an equivalent fraction.	Blackboard, color-coded fraction charts.	
Elaborate (Think Deeper)	Extend understanding to fractions greater than 1 using number lines.	Present a story context: 'Mother ate 5 pieces of 1/2 paratha. How many parathas did she eat in total?' Map it on a number line.	Track 5 halves along a number line to arrive at 5/2, realizing it corresponds to 2 1/2 parathas.	Paratha cutout drawings, number line scales.	
Evaluate (Check Progress)	Check comprehension on equivalency and comparing fractions.	Distribute an evaluation sheet focusing on ticking equivalent matching pairs and picking fractions > 1.	Solve problems like checking if 3/5 = 6/10 and identifying fractions greater than one from a set.	Fractional unit evaluation worksheet.	