Math lesson plan template

Lesson		**Date**	
Grade / course		**Minutes**	
Prerequisite skill		**Standard (verify locally)**	

Learning target and vocabulary
I can... / words students must use

Part	Min	Plan	Problems (with answers)
Warm-up / spiral review Two or three review problems			
Launch A problem or context that needs the new idea			
Worked example (I do) Think aloud, show each step			
Guided practice (we do) Students try; class checks together			
Independent practice (you do) Graduated problems			
Exit ticket One or two problems on the target			

Common errors to watch for	Representations and tools

Support and extension

Math lesson plan example: Grade 6 percent of a quantity

Illustrative 50-minute lesson. Every answer was checked.

Lesson	Percent of a number	**Minutes**	50
Grade / course	Grade 6 math	**Prerequisite skill**	Equivalent ratios, multiplying by 10
Standard (verify locally)	CCSS.MATH.CONTENT.6.RP.A.3.C: find a percent of a quantity as a rate per 100; find the whole given a part and the percent	**Materials**	Double number line sheet, whiteboards

Learning target
I can find a percent of a number and find the whole when I know a part and its percent, using a double number line.

Part	Min	Plan	Problems (with answers)
Warm-up	5	Spiral review of equivalent ratios.	3:5 = ?:20 (12); 10% of 70 (7)
Launch	5	A $50 jacket is 30% off. How many dollars off?	Students estimate first
I do	8	Double number line 0-100% and 0-50: 10% is 5, so 30% is 15. Then write 30/100 × 50 = 15.	30% of 50 = 15
We do	10	Students build the line on whiteboards, class compares.	70% of 120 = 84 (10% = 12)
You do	15	Problems 1-4 find a part; 5-6 find the whole.	25% of 80 = 20; 40% of 60 = 24; 15% of 200 = 30; 30% of 90 = 27; 12 is 20% of 60; 16 is 40% of 40
Exit ticket	7	Two problems, collected.	35% of 40 = 14; 9 is 15% of 60

Common errors	Support and extension
Dividing by the percent instead of using 1%/10%; mixing up part and whole in "find the whole" problems; forgetting that 100% is the whole.	Support: start every problem from 10%. Extension: 120% of 50 (60) and explain why the answer is more than 50.

Original Draft My Lesson layout, free to use and adapt. Standards in the examples are cited for US schools that use them; check your own state or district framework before teaching.