

Math & Science Collaborative Lesson Plan

Lesson Title: Teaching three-digit number by two-digit multiplication using the multiplication algorithm.

uilding Block or Lesson Learning Target: luently and accurately multiply up to a three-digit number by one-digit, and two-digit by two-digit umbers.		Student Success Criteria: Demonstration of an understanding of the Multiplication Algorithm process and associated steps.	
Previous Lesson Learning Target: Compare and contrast the Array method, the Partial Product method and the multiplication Alg			etion of sample problems assigned
Target Introduction/ Thinking Question * Begin with a review of the Performance Expectar discuss how they would attempt to solve the problem.	ion and then pr	Lesent a rea- life story	problem for student pairs to examine and
Lesson Progression (Flow) with Talk-Structures	•	Misconceptions: n the 100's place	Formative Task or Question* Designed to elicit student misconception(s
Performance Expectation review and discussion	value colum	n.	The Story Problem discussion
Presentation of the story problem and guiding questions	Student accu	uracy in showing of	The student demonstrations during guided practice
Depending upon student response, build student construction of their own meaning or Direct instruction of the Multiplication Algorithm			Sample work of the students
Guided practice through 2 to 3 problems	Key Terms Ir	Lesson:	Group discussions and questioning
Independent practice and "check in" time	Product Place Value		Periodic "check ins" with individual students and small groups
Student confidence check and Closure			
Lesson Closure Revisit and review the Performance Expectation 4.1.F and survey students for understanding and confidence with the process.			Exit Task* Choose a preprinted sample problem for the student to successfully solve.



Math & Science Collaborative Lesson Plan

Lesson Title: Teaching three-digit number by two-digit multiplication using the multiplication algorithm.

Do the Math for the	Thinking Question	Anticipated Misconceptions:
For example:	123 <u>X 56</u> 615	Student sample story problem creation
	+ 4920 5,535	Understanding the execution process of the algorithm
		Student process accuracy of integer placement and especially student addition
Instructional Adjustm Tied to common misco More sample three-c		t by two-digit numbers.

^{*} Opportunity for formative assessment