

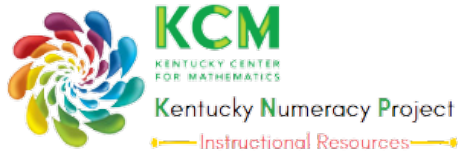
Lesson Plan for KNP Activity

T 5523.4: Addition & subtraction cards

Teacher Planning Notes:	
Task Group Number: 5523	Task Group Name: Delivery Game
Strand: Base Ten Arithmetical Strategies	Activity Level and Color: 4 Purple
KNP Activity Link with access to Printables and Student Instructions: /knp/activity.php?id=5523.4&prefix=T	
Numeracy Target: Solve 2-digit +/- without materials using a range of strategies Numeracy Targets Chart	
Fluency Benchmark: KY.2.NBT.5 Fluently add and subtract within 100.	
Kentucky Academic Standard(s): KY.2.NBT.5	
Student-Friendly Learning Target: I am learning to mentally add and subtract for all totals and differences within 100.	
Suggested Student Grouping(s): partners	
Materials: Addition and subtraction cards; writing space	
Activity Description: One student will take an addition and subtraction card (in the sequence specified on the cards) and read it to the other student who will tell the answer and explain his/her thinking.	
Teacher Notes: Present addition and subtraction problems as a string of related problems to allow students to consider using related facts as they develop efficient mental strategies for operations with 2 digit numbers. Although this learning experience appears to be different from the others in this task group, the learning objective (of becoming facile with conceptual place value and fluency with mental operations) is consistent. You may wish to provide each student with a picture of the truck to aid in using mental imagery of the quantities as they calculate. Be cautious about limiting student understanding by showing students early on how to operate on digits in a place rather than thinking about the quantities involved.	

Evidence of Learning (Diagnostic Assessment of Progress): Ask a student to tell you the total of 28 and 10; then 28 and 11; then 28 and 15 (or similar problems). Then ask the student to tell you the difference of 83 minus 10; then 83 minus 9; then 83 minus 19.

KNP ID #T 5523.4



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