Lesson Plan for KNP Activity
T 5518.4: Chunk It

Teacher Planning Notes:	
Task Group Number: 5518	**Task Group Name:** Chunk It
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=5518.4&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.1.NBT.2, KY.1.NBT.4	
Student-Friendly Learning Target: I am learning to decompose a number into tens and ones in two different ways and write the matching addition sentences.	
Suggested Student Grouping(s): Small Group 4-5/ partner/ independent	
Materials: Two sets of Arrow cards for group- tens and ones, Base ten blocks- longs and units, Recording Sheet Building Space	
Activity Description: Student will shuffle and then stack arrow cards, separated according to place value, face down in the center of the table. Student will draw one tens arrow card and one ones arrow card. Put cards together for first number. Student will repeat the process for the second number. Record expression and total on the recording sheet. Students will build a shape, any way they would like, to represent the equation and total. Repeat the process as many times as needed/wanted.	

Teacher Notes: This activity challenges students treat tens and ones as conceptual structures in order to solve two digit addition tasks. They should also become used to constructing and reconstructing tens to ones and back again while writing appropriate equations to represent the task. Students are ready for this activity when they can deal with ten as a conceptual structure in order to solve addition tasks within 100 using place value strategies. Students should not need more than two turns to match the correct total that makes up the shape. If a student makes an error in building, and the totals do not match, a third try is probably necessary to reinforce the concept this activity is addressing. Materials Notes: Numeral cards can be substituted for arrow cards. Having a mat that indicates place value for the cards would be a good way to reinforce the idea of place value for each of the digits. Created by Jordan Rhude & Emily Westerling, 2015

Evidence of Learning (Diagnostic Assessment of Progress): Have students choose one tens and one ones arrow cards. Student will tell how many tens then ones. Student will repeat the process. Then student will tell the total number and write a matching equation.

KNP ID #T 5518.4

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Instructional Resources

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