Lesson Plan for KNP Activity
Ni 1125.4: Arrow Cards (100 to 999)

Teacher Planning Notes:

Task Group Number: 1125	**Task Group Name:** Arrow Cards
Strand: Numeral Identification	**Activity Level and Color:** 4 Green

KNP Activity Link with access to Printables and Student Instructions:
/knp/activity.php?id=1125.4&prefix=Ni

Numeracy Target: Identify numerals 0 to 1,000
Numeracy Targets Chart

Fluency Benchmark: KY.3.NBT.2 Fluently add and subtract within 1000.

Kentucky Academic Standard(s): KY.2.NBT.3

Student-Friendly Learning Target: I am learning to read and tell which selected numerals from the range of 100 to 999 are greatest.

Suggested Student Grouping(s): small group

Materials: arrow cards: one set of ones, tens and hundreds arrow cards per small group

Activity Description: Working in groups of 3-5, each student uses three different color arrow cards to build a 3-digit number. Each student will read his/her number to the group and show what three arrows were used to build the number. Students order the "built" numbers (with layers intact) from smallest to largest.

Teacher Notes: See teacher note for activity Ni 125.1. Teacher may initially need to model that numbers are built from arrows of different colors, placed so the arrows overlap and all numerals are visible. If students have trouble reading the numbers, the "hundred" arrow can be temporarily removed and student asked to first identify the remaining two digit number. Students working independently could build 3 - 5 numbers and then order those numbers. Students may be asked to record numerals in writing and either draw the corresponding arrows or record the expanded form for each number (i.e. 456 = 400 + 50 + 6). Teacher may ask questions such as "What is 1 more/ 1 less than the number you created?" Similarly, teacher may ask about 10 more/less or 100 more/less (targeting KCAS standard 2.NBT.8). Use the print link for Ni 125.3 for 0 to 999 arrow cards.

Evidence of Learning (Diagnostic Assessment of Progress): Show five numeral cards in range 100 to 999 (for example "403," "298," "611," "334" and "780"). Ask students to read the numerals and tell which is the greatest. Task can be repeated with different and/or additional numeral cards.

KNP ID #Ni 1125.4