

# Lesson Plan for KNP Activity

## Ni 1125.5: Arrow Cards (10 to 9,999)

### Teacher Planning Notes:

**Task Group Number:** 1125

**Task Group Name:** Arrow Cards

**Strand:** Numeral Identification

**Activity Level and Color:** 5 Purple

### KNP Activity Link with access to Printables and Student Instructions:

</knp/activity.php?id=1125.5&prefix=Ni>

**Numeracy Target:** Identify numerals 0 to 1,000,000

[Numeracy Targets Chart](#)

**Fluency Benchmark:** KY.4.NBT.4 Fluently add and subtract multi-digit whole numbers using an algorithm.

**Kentucky Academic Standard(s):** [KY.4.NBT.2](#)

**Student-Friendly Learning Target:** I am learning to read and tell which selected numerals in the range of 10 to 9,999 are greatest.

**Suggested Student Grouping(s):** small group

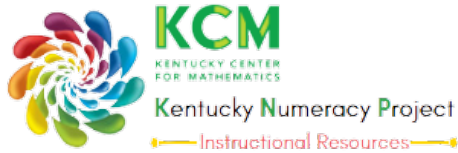
**Materials:** arrow cards: one set of ones, tens and hundreds, thousands arrow cards per group

**Activity Description:** Working in groups of 3-5, each student uses arrow cards to build a 2 to 4-digit number. Each student will read his/her number to the group and show what arrow cards were used to build the number. Students order the "built" numbers (with the layers intact) from smallest to largest. Repeat making sure all students have opportunities to make numerals with different numbers of digits.

**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. The arrow cards\* for "ten thousands" and "hundred thousands" may be included. Students may be asked to write the expanded form for each number (i.e.  $3,456 = 3,000 + 400 + 50 + 6$ ). 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, 100 more/less, 1000 more/less, etc (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 10 to 10000 (for example "804," "1398," "76," "3505," "9000") . Ask students to read the numerals and tell which is greatest. Task can be repeated with different and/or additional numeral cards.

**KNP ID #Ni 1125.5**



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