

# Lesson Plan for KNP Activity

## S 2243.4: Mystery Card

### Teacher Planning Notes:

**Task Group Number:** 2243

**Task Group Name:** Mystery Card

**Strand:** Structuring

**Activity Level and Color:** 4 Purple

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

</knp/activity.php?id=2243.4&prefix=S>

**Numeracy Target:** Intermediate structures to 20

[Numeracy Targets Chart](#)

**Fluency Benchmark:** KY.2.OA.2 Fluently add and subtract within 20.

**Kentucky Academic Standard(s):** [KY.1.OA.6](#)

**Student-Friendly Learning Target:** I am learning to tell pairs of numbers that go together to make 15.

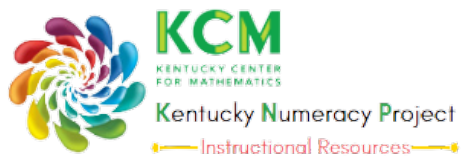
**Suggested Student Grouping(s):** independent / partners / group

**Materials:** double 10 frame cards -two or more each of 1 to 14

**Activity Description:** Shuffle a deck and remove one card as a 'mystery card'. Lay the rest face down and 4 in a row, face up. Draw a card from the deck to see if it can be used (and/or a face-up card) to make 15 using only two cards. If so, keep the set. If not, place it on the table and extend the line. Replace the card(s) so that there are at least 4 cards face up at the start of every turn. Continue to make sets until all but one card have been used. If combinations were made correctly, one card will remain, matching the mystery card to make 15.

**Teacher Notes:** A target number other than 15 may be used. Be sure to adjust deck if using a different target (i.e. if the target is 20, use 2 each of 1 through 19).If desired, a mix of numeral and double 10 frame cards may be used.

**Evidence of Learning (Diagnostic Assessment of Progress):** Show a double 10 frame card with 7 dots. Ask "How many dots? How many more to make 15?" Flash the double 10 frame with 3 dots and repeat the questions. Note if student is counting to determine the answer.



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