

Lesson Plan for KNP Activity

M 4436.3: Cups Game

Teacher Planning Notes:

Task Group Number: 4436

Task Group Name: Cups Game

Strand: Multiplication and Division

Activity Level and Color: 3 Green

KNP Activity Link with access to Printables and Student Instructions:

</knp/activity.php?id=4436.3&prefix=M>

Numeracy Target: Count items arranged in equal groups with only group markers visible (items with groups are not visible)

[Numeracy Targets Chart](#)

Fluency Benchmark: KY.3.OA.7 Fluently multiply and divide within 100.

Kentucky Academic Standard(s): [KY.3.OA.1](#)

Student-Friendly Learning Target: I am learning to find the product when only the group markers are visible and the objects in each group are hidden.

Suggested Student Grouping(s): Partners

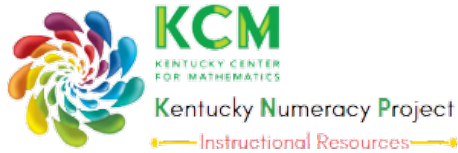
Materials: For each pair of students: 2 sets of Cups Game Cards with 1 to 9 cups; numeral die with numerals 2 to 7; dry erase marker; writing space.

Activity Description: Print on card stock, cut out, and laminate two sets of Cups Game Cards for each pair of students. Turn all cards face down in random order. The first player, Player A, will take a Cups Game Card and roll the die. The player will put the numeral repeatedly on each cup and write the related multiplication equation. Player B will repeat the process. The game ends when both players have had 5 turns. Players should find the total of the products from all five turns. The player with the highest total wins.

Teacher Notes: When students become proficient at efficiently counting the product without reliance on the group markers, they may have sufficiently internalized the quantity and may be ready to multiply abstractly using numerals only.

Evidence of Learning (Diagnostic Assessment of Progress): Show a student a card with 6 cups and the numeral 4 written on each cup. Ask the student to tell how many in all and to write the multiplication sentence. Repeat with 4 cups, each labeled with the numeral 6. Ask the student to write the multiplication sentence and to explain how it relates to the first equation.

KNP ID #M 4436.3



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