Lesson Plan for KNP Activity
T 5513.4: Cups O' Gold

Teacher Planning Notes:

Task Group Number: 5513	**Task Group Name:** Cups O' Gold
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=5513.4&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.2.NBT.5

Student-Friendly Learning Target: I am learning to mentally add and subtract within 100.
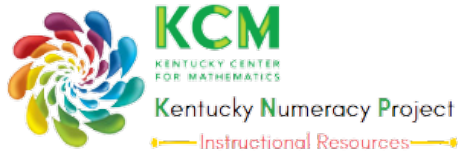
Suggested Student Grouping(s): partner

Materials: arrow cards (tens and ones), writing space

Activity Description: 1.Player one will select a 2-digit and a 1-digit arrow card. Player two will select a 2-digit and a 1-digit arrow card. The player with the greater number will decide which player gets the number (of gold pieces) represented by the lower number and which gets the number (of gold pieces) represented by the difference between the greater and lower number. 2.Each player records the number of gold pieces earned in each round. 3.After two rounds, the player with the greatest number of gold pieces wins.

Teacher Notes: Students are ready for this activity when they are successful with the diagnostic assessment task (above). Drawing a number bond may help students organize their thinking where the greater number goes in the top circle and the lower number goes in a lower circle, leaving one lower circle empty for the difference between the other two numbers. Play three or four rounds to challenge your students to add their scores from each round as one operation.

Evidence of Learning (Diagnostic Assessment of Progress): Write the number 72 in the top circle of a number bond model and write the number 29 in a lower circle of the number bond model. Ask the student which is greater - 29 or the number added to 29 to make 72.