

# Lesson Plan for KNP Activity

## T 5524.2: Steal the Crown (with 100 bead rack)

### Teacher Planning Notes:

**Task Group Number:** 5524

**Task Group Name:** Steal the Crown

**Strand:** Base Ten Arithmetical Strategies

**Activity Level and Color:** 2 Blue

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

</knp/activity.php?id=5524.2&prefix=T>

**Numeracy Target:** Solve 2-digit +/- with materials by using strategies based on place value  
[Numeracy Targets Chart](#)

**Fluency Benchmark:** KY.2.NBT.5 Fluently add and subtract within 100.

**Kentucky Academic Standard(s):** [KY.1.NBT.4](#)

**Student-Friendly Learning Target:** I am learning to add or subtract a single digit number or 10 from a number in the range 1 to 100 with support of a bead rack or bead string.

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

### Materials:

Steal the Crown card game, 100 bead rack or 100 bead string

### Activity Description:

Students play Steal the Crown in partners or small groups. Game cards and directions are included in the print link. Students will use a 100 bead rack or a 100 bead string to keep track of the ongoing total.

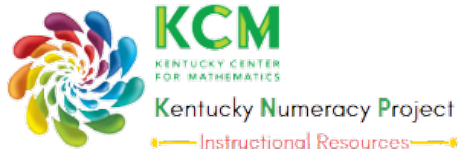
### Teacher Notes:

Single digit subtraction cards may be omitted. Students should add or subtract the appropriate amount of beads on the bead rack or bead string. Initially students may need the bead rack to solve, but students should move to mentally adding or subtracting the amount and then using the bead rack as a check. The bead rack or string may be covered to encourage visualization and mental problem solving. Prompt student thinking with questions such as "What is the next multiple of 10? What could you add to get the crown? What could you subtract?" Look for and bring out discussion of non-count-by-one strategies.

**Evidence of Learning (Diagnostic Assessment of Progress):**

Show 65 on a 100 bead rack. Ask "How many beads? What will I have if I take away 10?" Show 28 beads. Ask "How many bead? What will I have if I add 8 to it?" Continue with similar tasks.

**KNP ID #T 5524.2**



[www.kymath.org](http://www.kymath.org)  
[kcm@nku.edu](mailto:kcm@nku.edu)