Lesson Plan for KNP Activity A 3341.1: Beaded Chenille Stems (up to 20)

Teacher Planning Notes: Task Group Number: 3341 Task Group Name: Beaded Chenille Stems Strand: Addition and Subtraction Activity Level and Color: 1 Red KNP Activity Link with access to Printables and Student Instructions: /knp/activity.php?id=3341.1&prefix=A **Numeracy Target:** Add or subtract using items (direct modeling) Numeracy Targets Chart Fluency Benchmark: KY.2.OA.2 Fluently add and subtract within 20. Kentucky Academic Standard(s): <u>KY.K.CC.4</u>, <u>KY.K.CC.5</u> Student-Friendly Learning Target: I am learning to tell the total of two collections with up to 20 items in all. Suggested Student Grouping(s): independent/small group **Materials:** beaded chenille stems (see teacher note) Activity Description: Place the set of beaded chenille stems in a large cup so beads are not

Activity Description: Place the set of beaded chenille stems in a large cup so beads are not visible. On a student's turn, the student will choose one stem and determine the total number of beads. Student will draw a second beaded stem and find the total on both. Limit sum to about 20 or so.

Teacher Notes: Prepare beaded chenille stems by placing 5 to 12 pony beads, of the same color, on a chenille stem (pipe cleaner). Bend ends to cover sharp ends and lock beads in place. Include 5 to 15 stems with various amounts to form a set (amounts may be repeated). Look for students strategies in counting. Do they say the correct counting words? Do they say one count per bead? Do they start at one end of the stem and count beads in order? Do they move beads or space the beads out to make counting easier?

Evidence of Learning (Diagnostic Assessment of Progress): Place a beaded stem with 13 beads and a beaded stem with 5 beads in front of student and ask "How many beads all together?"



<u>www.kymath.org</u> <u>kcm@nku.edu</u>