Lesson Plan for KNP Activity M 4437.3: Pop Drop Move-It (2 & 5)

Teacher Planning Notes:	
Task Group Number: 4437	Task Group Name: Pop Drop Move-It (2,5,6,7)
Strand: Multiplication and Division	Activity Level and Color: 3 Green
KNP Activity Link with access to Printables and Student Instructions: /knp/activity.php?id=4437.3&prefix=M	
Numeracy Target: Count items arranged in equal groups with only group markers visible (items with groups are not visible) <u>Numeracy Targets Chart</u>	
Fluency Benchmark: KY.3.OA.7 Fluently multiply and divide within 100.	
Kentucky Academic Standard(s): <u>KY.3.0A.1</u> , <u>KY.3.0A.7</u>	
Student-Friendly Learning Target: I am learning to determine products involving a factor of 2 or 5 with support of materials.	
Suggested Student Grouping(s): partners, small group	
Materials: Set of 10 dotted popsicle sticks with 2 or 5 dots, Pop Drop Move-It game board (multiples of 2 and 5), recording sheets.	
Activity Description: Pop Drop Move-It (2 & 5 version): Play Move-It according to standard directions. On a player's turn, the player may choose to drop EITHER the set of sticks with 2 dots or with 5 dots. The player will determine the number of dots that are hidden (i.e. face down) and cover that number on the board. For example, if the player drops the 5 sticks and 4 are face down, the player will cover a 20 on the game board. Players may be asked to record work on the included recording sheet.	

Teacher Notes: Dot strips available in the print link for M 4437.1 may be used in place of popsicle sticks. The activity as described at the M 4437.1 level can be used as a warm-up. The warm-up may be modified so that students are counting as sticks are placed with the dots face down. A student playing this game may be partnered with a student playing the game as described in entry M 437.2. Optionally, students may be asked to record their turns on one of the included recording sheets. The blank Move-It game board (included in the print link) can be used to create customized variations. For example, a board containing only the multiples of 5 can be used with the 5-dot sticks to create a game targeting only the 5-facts.

Evidence of Learning (Diagnostic Assessment of Progress): Place out a stick with 5 dots. Ask "How many dots?" Explain that all sticks have the same number of dots. Place 8 sticks, face down in a scattered configuration. Ask student, "How many dots?". Repeat process using 6 2-dot sticks.



www.kymath.org kcm@nku.edu

KNP ID #M 4437.3