

Lesson Plan for KNP Activity

M 4441.3: Pop Drop Move-It (3)

Teacher Planning Notes:

Task Group Number: 4441

Task Group Name: Pop Drop Move-It
(3&6)

Strand: Multiplication and Division

Activity Level and Color: 3 Green

KNP Activity Link with access to Printables and Student Instructions:

</knp/activity.php?id=4441.3&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.7](#)

Student-Friendly Learning Target: I am learning to determine products involving a factor of 3 with support of materials.

Suggested Student Grouping(s): partners, small group

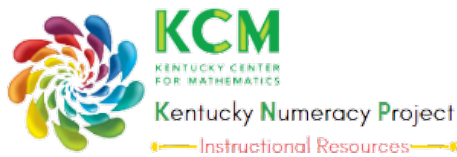
Materials: Set of 14 dotted popsicle sticks with 3 dots, Pop Drop Move-It game board (Multiplication with 3), recording sheets

Activity Description: Pop Drop Move-It (multiples of 3): Play Move-It according to standard directions. On a player's turn, the player will drop the set of popsicle sticks. 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 sticks fall so that 6 sticks land face down, the player will cover 18 (i.e. 6×3) on the game board.

Teacher Notes: Dot strips available in the print link for M 4441.1 may be used in place of popsicle sticks. The activity as described at the M 4441.1 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 441.2. 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 struggling student may need to work with a fewer number of sticks. A board with only the multiples of 3 up to 18 could be used with a set of 6 sticks.

Evidence of Learning (Diagnostic Assessment of Progress): Place out a stick with 3 dots. Ask "How many dots?" Explain that all sticks have the same number of dots. Place 7 sticks, face down, in a scattered configuration. Ask student, "How many dots?". Repeat process with a different number of sticks.

KNP ID #M 4441.3



www.kymath.org
kcm@nku.edu