

Lesson Plan for KNP Activity

F 7704.2: Where on the line?

Teacher Planning Notes:	
Task Group Number: 7704	Task Group Name: Fraction Number Lines
Strand: Fractions	Activity Level and Color: 2 Blue
KNP Activity Link with access to Printables and Student Instructions: /knp/activity.php?id=7704.2&prefix=F	
Numeracy Target: Facile partitioning (e.g. verifying a shape has been partitioned into fourths or eighths) Numeracy Targets Chart	
Fluency Benchmark: Fractions Fluency with fractions	
Kentucky Academic Standard(s): KY.3.NF.2	
Student-Friendly Learning Target: I am learning to determine the location of a fraction on a number line when tick marks are shown.	
Suggested Student Grouping(s): independent/partner pairs	
Materials: Students can work individually or in pairs. A student (or pair of students) will choose one envelope containing a number line and number cards. Number cards are shuffled and placed face down. The student draws one card and, looking at the number line on the smiley face side, the student places the paper clip in the location of the number shown on the card. The student flips the number line over to see if the paper clip has been placed correctly. The student repeats the process for all number cards in the envelope, then repeats the activity with the other sets of lines and cards.	

Activity Description:

See teacher notes for directions for preparing the materials.

Students can work individually or in pairs. A student (or pair of students) will choose one envelope containing a number line and number cards. Number cards are shuffled and placed face down. The student draws one card and, looking at the number line on the smiley face side, the student places the paper clip in the location of the number shown on the card. The student flips the number line over to see if the paper clip has been placed correctly. The student repeats the process for all number cards in the envelope, then repeats the activity with the other sets of lines and cards.

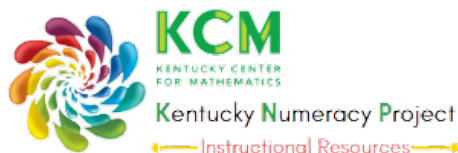
Teacher Notes:

Print pages on color paper or cardstock. This set makes 6 two-sided number lines with corresponding cards. Each number line page makes two number lines. Cut on the dark lines, then fold on the light lines. If preferred, use a glue stick to seal lines. If preferred, laminate the cut & folded number lines, leaving at least 1/4 inch trim around edges. Place one number line, corresponding cards and paper clips or binder clips in a legal sized envelope. Label the envelope with the Level 2 and the Number line label (e.g. "Line A", "Line B", etc.).

At this level, tick marks are given as support.

Evidence of Learning (Diagnostic Assessment of Progress):

Show student number line E (a line with points 0, 1 and 2 labeled and unlabeled tick mark at 1-third, 2-thirds, 4-thirds and 5-thirds). Say to student "Show me where 2-thirds is located on this line. Continue with "Show me the location of 5-thirds." and "Show me the location of 3-thirds."

KNP ID #F 7704.2

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