

Lesson Plan for KNP Activity

F 7703.3: Rods and Strips: What fraction part am I?

Teacher Planning Notes:	
Task Group Number: 7703	Task Group Name: Rods and Strips
Strand: Fractions	Activity Level and Color: 3 Green
KNP Activity Link with access to Printables and Student Instructions: /knp/activity.php?id=7703.3&prefix=F	
Numeracy Target: Beginning to understand a fraction as a measure, i.e. interpret $\frac{3}{4}$ as the size of 3 one-fourth pieces Numeracy Targets Chart	
Fluency Benchmark: Fractions Fluency with fractions	
Kentucky Academic Standard(s): KY.3.NF.1	
Student-Friendly Learning Target: I am learning to name a fractional part, when using Cuisenaire Rods, given the part and the whole.	
Suggested Student Grouping(s): individual/partners/small group	
Materials: Cuisenaire Rods, Activity sheet (1 per student)	
Activity Description: Have students spend some time working with materials with verbally posed tasks before using the written recording sheet. For example, have students get out 1 dark green rod and one red rod. Say "The Dark Green Rod is one whole. What fraction of the green rod is one red rod." Give student(s) time to reflect and discuss. Students should have additional rods, (including red rods) available for use. Students should identify the red rod as "one third" because "It takes 3 of the red rods to make (or cover) the dark green rod." Continue with similar questions using different wholes and parts. Extend the questions to include defining a "part" as more than one rod. For example, start with identifying that a light green rod is one-third of the blue rod. Then ask, what is two light green rods? Students should identify it as "two-thirds" because it is two rods of length "one-third". After students are comfortable naming the fractions verbally and explaining their thinking, they can be asked to complete a recording sheet working independently or in pairs.	

Teacher Notes:

A "Color Template" for cuisenaire rods is included for students who are color blind or have trouble with the color words.

Evidence of Learning (Diagnostic Assessment of Progress):

Lay out the Fraction Rods. Ask "If the brown rod is my whole, what fraction of the brown is one red rod?" If student successfully answers "one-fourth", then ask "What is the name if I have three red rods?" Continue with, "What if I have four red rods?"

KNP ID #F 7703.3



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