

As you come in....

Solve and represent.

$$6 \div 2 =$$

$$2 \div \frac{1}{3} =$$

- Represent these problems in different ways
- Think about the connection between these problems
- Think about the grade level of the strategy you used to solve these problems.

Session Goals

- Visual Fraction Models
- Fraction Progressions
- Academic Diagnosis

Shifting our instruction

1. Focus

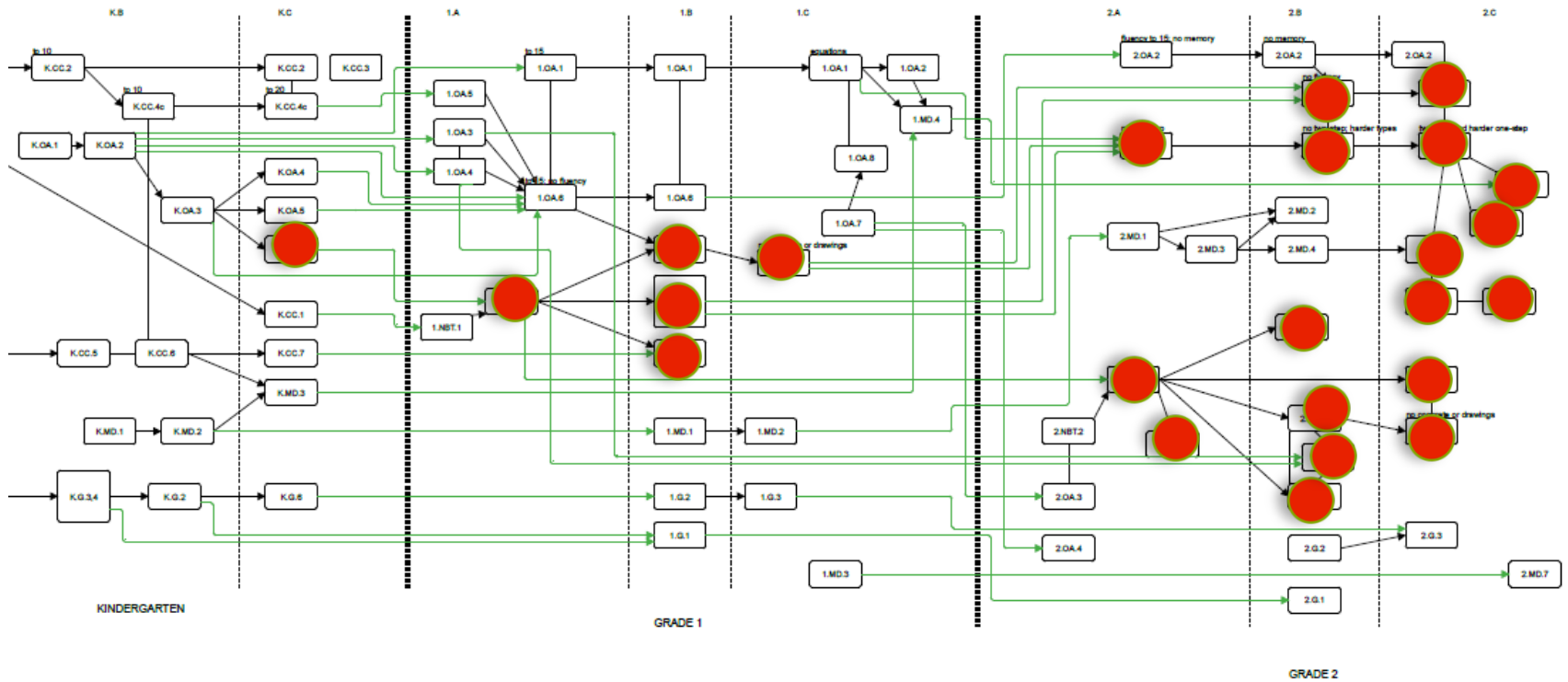
2. Coherence

3. Rigor

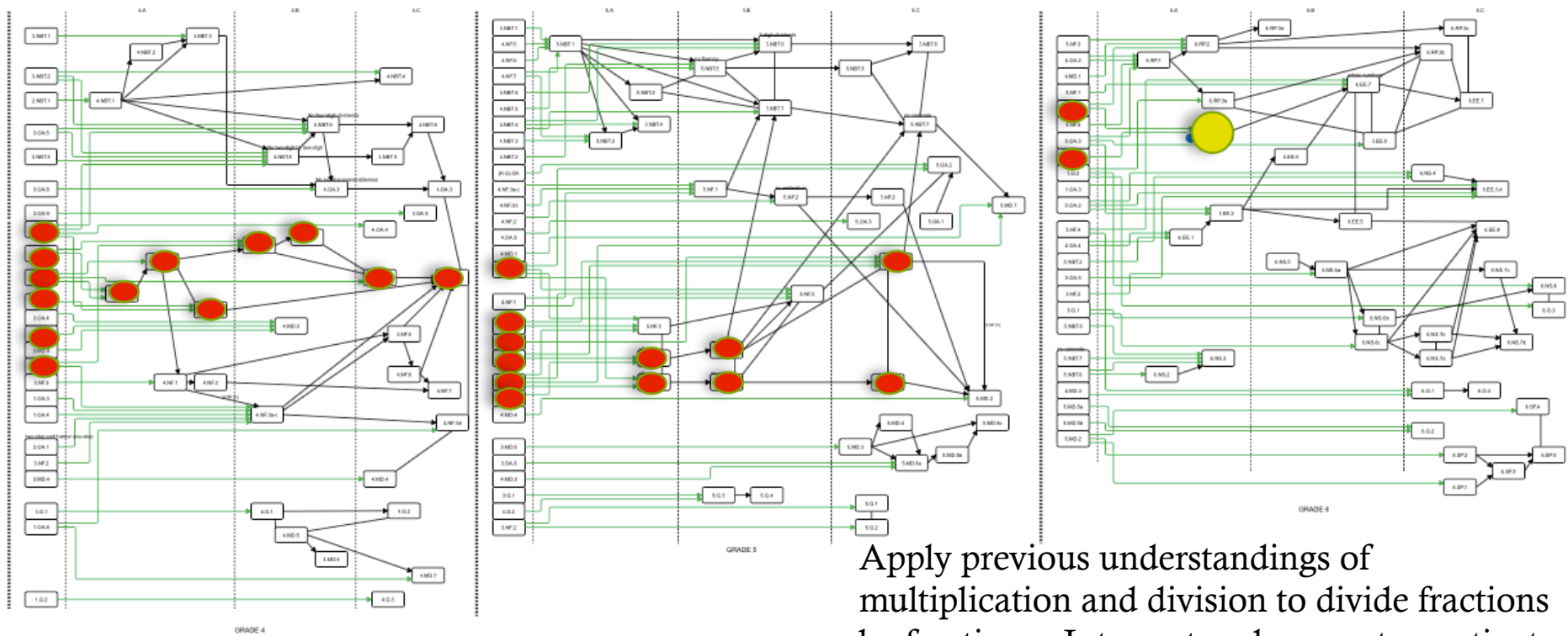
Progression Document: The Number System 6-8

“As Grade 6 dawns, students have a firm understanding of place value and the properties of operations. On this foundation they are ready to start using the properties of operations as tools of exploration, deploying them confidently to build new understandings of operations with fractions and negative numbers.”

The Zimba Chart



The Zimba Chart



Apply previous understandings of multiplication and division to divide fractions. Interpret and compute quotients of fractions by using visual fraction models and equations.

Solve and represent:

$$2 \div \frac{3}{4} =$$

$$\frac{5}{2} \div \frac{2}{3} =$$

Yikes! Fraction Swiss Cheese

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