## Fifth Grade

## Math Learning Progression

Vocabulary: divisor, common fraction, reciprocal, reciprocate, mixed number, algorithm, complex fraction.

| Visually show a division of 1 by any fraction (smaller than 1), i.e. $2 / 3^{3} / 4^{2} / 5^{\prime}$, $3 / 5,4 / 5$ and say a rule related to the divisor <br> "I can demonstrate and explain visually what happens when the number 1 is divided by a common fraction, and the rule that relates to the divisor." <br> Formative Assessments: <br> Pattern Blocks <br> Shapes circle, square, etc. <br> Cuisenaire Rods <br> Base 10 blocks <br> Money <br> Dot Paper <br> Geoboards |  |
| :---: | :---: |
|  |  |
|  |  |
|  |  |

isually show a division of any whole number by any fraction (smaller than 1 , i.e. $2 / 3,3 / 4,2 / 5,3 / 5$, $4 / 5$ ) and use a rule related to the divisor. Be able to explain the rule.

I can demonstrate and ly what 1 is divid by number fraction, and the rule that relates to the divisor." Shap circle, Cuisenaire Rods Base 10 blocks

DotPaper
Geoboards
"I can demonstrate and explain visually what happens when any whole number is divided by a common fraction, and the rule that relates to the divisor."

Formative Assessments:
Pattern Blocks
Shapes circle, square, etc. Cuisenaire Rods
Base 10 blocks
Money
Dot Paper
Geoboards
6.1.D

## Fluently and

 accurately divide nonnegative fractions and explain the inverse relationship between multiplication and division with fractionsCCSSM 5.NF. 7
"I can accurately divide any fraction by any fraction and explain the rule that applies to the operation."

Formative Assessments:
Pattern Blocks
Shapes circle, square, etc.
Cuisenaire Rods
Base 10 blocks
Money
Dot Paper
Paper and pencil

Math \& Science Collaborative Inquiry Project

