**College- and Career-Ready Standard Addressed**
Recognize and generate simple equivalent fractions (e.g., $1/2 = 2/4$, $4/6 = 2/3$). Explain why the fractions are equivalent (e.g., by using a visual fraction model). (CCSS 3.NF.3.b)

### Core Instruction
1. Implement a standards-aligned mathematics program that includes instruction in fractions and underlying skills.
2. Provide explicit instruction in recognizing equivalent fractions (e.g., using varying visual fraction models, number lines, or manipulatives).
3. Provide explicit instruction in generating simple equivalent fractions.
4. Incorporate peer-mediated and independent practice opportunities to foster skill fluency, maintenance, and generalization to new pairs of equivalent fractions.
5. Incorporate class-wide motivation strategies to promote engagement and on-task behavior, with individualized supports for students receiving supplemental intervention.
6. Periodically assess learning of all students in the class to determine the effectiveness of core instruction and identify students in need of additional supports.

### Secondary Intervention
1. Use companion evidence-based materials that align with the core program (if available) or an evidence-based intervention program that addresses fractions (e.g., Academy of Math).
2. Provide explicit preteaching of core content as a supplement to core instruction.
3. Provide explicit instruction in and practice with underlying skills (e.g., understanding equivalence, reading and writing fractions).
4. Provide small-group instruction with multiple response formats and explicit corrective feedback.
5. Incorporate additional small-group or individual behavior strategies targeted to individual needs in engagement and motivation.
6. Collect progress monitoring data at least one or two times per month using a valid and reliable tool.

### Intensive Intervention
1. Use progress monitoring and error analysis data to identify skill deficits and necessary adaptations to the secondary intervention.
2. Provide explicit instruction in foundational skills (broken into smaller steps), such as placing fractions on the number line and mathematical vocabulary.
3. Prioritize standards and spend extended time providing explicit instruction in those areas.
4. Provide multiple and varied opportunities for learning and practice (e.g., using fraction tiles) with explicit corrective feedback.
5. Incorporate additional behavior strategies targeted to individual needs in attention, self-regulation, learning or organizational skills, or social skills.
6. Collect progress monitoring data weekly, at a level that is sensitive to change, and adjust instruction as needed.

### Alternate Achievement Standards
1. Provide instruction appropriate to a student's level of cognitive and symbolic functioning, using precise, simple language.
2. Provide explicit instruction in foundational skills that underlie the standard (e.g., number sense, equivalence, basic fraction concepts, and understanding fractions as numbers).
3. Use additional individualized behavior and motivation strategies, with a focus on functional communication and independence.
4. Collect progress monitoring data on accuracy, fluency, and/or level of independence in completing tasks.
5. Incorporate assistive technology as needed to teach and assess skills.
1. For reviews of academic screening tools, see the Screening Tools Chart produced by the National Center on Response to Intervention (http://www.rti4success.org/resources/tools-charts/screening-tools-chart). Although mastery measurement may track progress in specific skills, such as generating equivalent fractions, using a general outcome measure will provide a broader assessment of generalized progress in the annual curriculum.

2. All noted programs are for illustrative purposes only; the National Center on Intensive Intervention (NCII) does not endorse products. For reviews of academic interventions, see the Academic Intervention Tools Chart produced by NCII (http://www.intensiveintervention.org/chart/instructional-intervention-tools).

3. Progress monitoring data will determine whether secondary intervention is sufficient or a student needs more intensive supports. For reviews of progress monitoring tools, see the Progress Monitoring General Outcome Measures Tools Chart produced by NCII (http://www.intensiveintervention.org/chart/progress-monitoring).


5. Frequent progress monitoring will allow for timely adaptations, as needed. Note that progress monitoring must occur at a student's instructional level to be sensitive to growth in skills.