

Lesson Title: Addition of Fractions
Unit: Fun Fraction Projects
Grade Level: 6th grade
Estimated time requirement: 1 class period
Summary: Students will use the color tiles to discover the idea of equivalent fractions and addition of fractions with different denominators.
Objectives:
<ul style="list-style-type: none"> • Students will add fractions with different denominators.
Content Standards:
TEKS: 6.1B, 6.1E, 6.2B, 6.11A, 6.12B, 6.11C
Assessment:
<ul style="list-style-type: none"> • Teacher made worksheet • Informal assessment by teacher during the activity
Materials:
<ul style="list-style-type: none"> • Color tiles • Overhead color tiles for teacher demonstration if a document camera is not available • Powerpoint (see lesson front for download button)
Resources:
<ul style="list-style-type: none"> • Text: Prentice Hall Middle Grades Math Tools for Success
Prior Knowledge/Skills: factors, multiples, equivalent fractions, simplest form
Procedures: The teacher will model several problems for the students. As the fractions are modeled with the color tiles, the teacher should write the problem and show how the model relates to the numerical representation of the problem. Students should begin to see how equivalent fractions are made.
Modifications:
<ul style="list-style-type: none"> • Students with difficulties or special ed modifications can work in small groups or with a partner.
Technology Infusion:
<ul style="list-style-type: none"> • Power point • Document camera for teacher demonstration
Cultural Connections: Students can study how and where Saltillo Mexican tiles are made.
Family Connection: Students can experiment with measuring cups and spoons and make a chart of equivalent measures.
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