SIOP® Lesson Plan Template 1

PEARSON

Date: Oct. 27, 2008

Grade/Class/Subject: 6th grade math

Unit/Theme: Pre-fraction Meaningful Activities

Standards: NUMBER AND NUMBER SENSE
Number Theory
SOL 6.3.. Students will..
.. explain divisibility rules for 2,3,5,6,9, & 10
.. identify prime & composite numbers to 50
.. identify common factors and greatest common factors for up to 3 numbers to 50

Content Objective(s): Students will
1. use divisibility rules that apply for a given number.
2. identify common factors and greatest common factors for numbers up to 50.

HOTS: Students will be analyzing the implementation of the divisibility rules as they play "Divisibility War",
..evaluating their partner's implementation of the divisibility rules
..applying strategies to determine GCF of numerator and denominator of a given fraction

Language Objective(s): Students will be able to
1. identify a prime number and a composite number
2. write some numbers that are divisible by 2,3,4,6,9,10.
3 explain to a classmate the greatest common factor of 2 numbers.

Students will..

..explain orally why a given integer is divisible by 2,3,5,6,9, or 10

..express why fractions are equivalent when simplified

Key Vocabulary	Supplementary Materials
prime, composite, divisibility, factor, greatest common factor, numerator, denominator, fraction	random number cubes (a.k.a. dice) "Ten Tallies Win" score sheet "Divisibility War" recording sheet and cards

SIOP FEATURES

Preparation
☒ Adaptation of content
☒ Links to background
☒ Links to past learning
☒ Strategies incorporated

Scaffolding
☒ Modeling
☒ Guided practice
☒ Independent practice
☒ Comprehensible Input

Group Options
☒ Whole class
☐ Small groups
☒ Partners
☒ Independent

Integration of Processes
☒ Reading
☒ Writing
☒ Speaking
☒ Listening

Application
☒ Hands-on
☒ Meaningful
☒ Linked to objectives
☒ Promotes engagement

Assessment
☒ Individual
☒ Group
☒ Written
☒ Oral

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Lesson Sequence:
Connections to Prior Knowledge/Building Background:
Teacher will lead students in..
..Review of key vocabulary words

..go over responses to homework assignments (find GCF & its use for simplifying fraction)

..review of divisibility rules for 2,3,4,6,9 & 10

..demonstrate the procedures for "Divisibility War" game and for "Ten Tallies Win"
Meaningful Activities:
"Divisibility War" Card Game (groups of 3 or 4)

"Ten Tallies Win" (PAIRSusing 4 dieteacher led)

Reflections: