Discovering STEM Program

Kit name: Remainder Relay (Grades 3 - 5)

Description: Use the reminders from division problems to swim to the end of the pool and back. Be the first to swim to the end of the pool and back as you solve division problems with remainders in this game for 2 to 4 players.

Alignment for Remainder Relay (Grades 3 - 5) to the Common Core State Standards Mathematics http://www.corestandards.org

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This kit addresses the following standards:

- 3.OA.A.2 Interpret whole-number quotients of whole numbers, e.g., interpret 56 ÷ 8 as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. *For example, describe a context in which a number of shares or a number of groups can be expressed as 56 ÷ 8*.
- 3.OA.A.3 Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.[1]
- 3.OA.B.6 Understand division as an unknown-factor problem. *For example, find 32 ÷ 8 by finding the number that makes 32 when multiplied by 8*.
- 3.OA.C.7 Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that 8 × 5 = 40, one knows 40 ÷ 5 = 8) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.

When reserving kits, please be sure to:

- Return filled out reservation form
- review required kit materials prior to event
- return evaluation forms
- Replace consumables