

## Discovering STEM Program

### Kit name: Hit the Target (Grades 5 & 6)

**Description:** How are your mental math and problem solving skills? This game gives you plenty of mind-bending practice while encouraging friendly competition! Combine the values on all your cards to hit the target number. Play this game for 1 to 4 players to sharpen your mental math skills.



### Alignment for Hit the Target (Grades 5 & 6) to the Common Core State Standards Mathematics <http://www.corestandards.org>

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This kit addresses the following standards:

- 5.NBT.5      Fluently multiply multi-digit whole numbers using the standard algorithm.
- 5.NBT.6      Find whole number quotients of whole numbers with up to four-digit dividends and two-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.
- 5.NBT.7      Add, subtract, multiply, and divide decimals to hundredths, using concrete models or drawings and strategies based on place value, properties of operation, and/or the relationship between addition and subtraction; relate the strategy to a written method and explain the reasoning used.
- 5.NF.1      Add and subtract fractions with unlike denominators (including mixed numbers) by replacing given fractions with equivalent fractions in such a way as to produce an equivalent sum or difference of fractions with like denominators, *For example,  $2/3+5/4 = 8/12+15/12 = 23/12$ . (In general,  $a/b+c/d = (ad+bc)/bd$ ).*

When reserving kits, please be sure to:

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