



“The Lucky Treasure”

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Plot

Once upon a time, in a forest far, far away there was a **BIG FRIENDLY** Dragon. One day the dragon decided she would go search the forest for some treasure to bring back as a surprise for her babies! So, the dragon went out and searched the forest high and low. Can you help the dragon collect all of the treasure to bring home to her babies?

Materials

- 2 Dice
- 12 counters
- Number Sheet

Relation To Math

“The *probability* of an event is a measure of the chance of the event occurring” (Van de Walle, Karp, Bay-Williams, McGarvey, & Folk, 2013). There are two distinct types of probability, the known and the unknown (Van de Walle et al., 2013). This game represents both types; the “known” are the numbers that are displayed on the dice for all to see. The “unknown” are the different combinations of numbers that the two dice will create (the sum).

Instructions

Students will explore probability by guessing which sums (total) appear more often when they add the numbers on both die together.

1. Each player receives 12 counters and a number sheet.
2. The players will then choose the sums on their number sheet that they think will come up more often. Players will place their counters on those numbers. (Multiple counters are allowed on one number).
3. When the total of the two dice rolled is a number with a counter on it, the student will then place the counter(s) that were on that number to the side of their number sheet.
4. When all counters are off the number sheet, you have found the treasure for the baby dragons!



1	2	3
4	5	6
7	8	9
10	11	12