

# CAPTAIN'S COOL 3 DICE GAME

*Captain's Cool 3 Dice Game is a simple game where the aim is to get the maximum number of points from a roll of the dice. Points are awarded using a simple scoring system.*

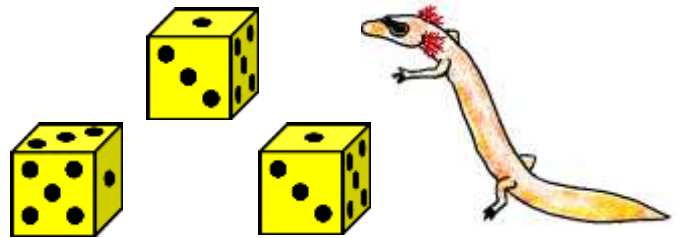
**Age range:** 3<sup>rd</sup> Grade+

**Number of players:** 1-4

**Learning:** Add numbers up to 100; strategy

## You will need

- 3 dice
- Some pieces of paper to keep score



## Instructions

- Each player needs some paper to keep a record of their score.
- Player 1 throws the 3 dice.
- Player 1 then decides either to throw all 3 dice again, to throw two of the dice again, or just one dice again.
- Player 1 then adds up their score – see below.
- Player 2, and all the other players do exactly the same.
- Scoring:
  - o **Three of a kind.** If all three dice show the same number, the score is 30.
  - o **Pair plus another.** If two dice show the same number, score 12 for the two dice, and add on the number on the other dice.
  - o Otherwise, add up the total on the three dice.
- Once the round is finished, Player 2 starts the next round and rolls the dice first.
- The winner is the first player to reach 100 points.

**Example 1:** Player 1 rolls a 2, 2 and a 5. They decide to roll the 5 again, and roll a 4. Their final score is 12 (for the pair of 2s) and 4 more = 16.

**Example 2:** Player 2 rolls a 3, 5 and 6. They roll the 3 again and roll a 1. Final score:  $1+5+6 = 12$ .

**Example 3:** Player 3 rolls a 1, 3 and a 5. They decide to roll the 1 and 3 again, and roll a two 5s. Their final score is 30 points for getting 3 of a kind.

## Variations

- Change the winning score – make it higher or lower.
- If you are playing the game on your own, see if you can reach 100 points in 6 turns (or try and beat your own record for the fewest number of turns to reach 100).
- Allow every player to roll the dice and have two chances to change them instead of just one.
- Try playing with 8 or 10 sided dice brings in different math facts to use.
- Play the game in a round. Award one point for the highest score in the round. The first player to reach 6 points is the winner.