

Beat the Teacher/Adult

Place Value Game

Materials needed:

Paper
Pencils
Cards

Goal:

Student tries to create a larger number than the teacher/adult and score as many points as possible.

Setup:

Set up a piece of paper as your game board (one piece each).

Take the face cards and jokers out of a deck of cards so you're using only numbers Ace to 10 and shuffle them together.

Game	100s	10s	1s	Score

The adult/teacher will select the top card and show it. All players (including the teacher/adult) will choose which column to write that number in, trying to create the largest number without knowing what numbers are coming next. For example, if a 2 is drawn, you'll probably want to put it in your 1s (ones) column because it isn't worth much; but if an 8 or 9 is drawn you'll want it in your 100s (hundreds) spot. All cards count at face value, but Ace is worth 1 and 10 is worth 0 (zero).

When you've drawn 3 cards and made your number, compare your numbers. If your child has a bigger number than you, they score 5 points. If they have the same number as you, they score 3 points. If they have a smaller number, they score 0 points. After each round, draw a line under the number you made and start another round. Play as many rounds as you can/want before running out of cards. By the end you should know what numbers to expect since each number has 4 cards.

Gameplay:

1. Draw a card
2. Both adult and student secretly choose a column to write that number
3. Draw another card
4. Both choose a column for that number
5. Draw one more card
6. Write the final number in the remaining column
7. Compare numbers and score (student win = 5; tie = 3; student lose = 0)
8. Repeat as many times as wanted.

Example:

Game 1

Card 1 - 5

Card 2 - 4

Card 3 - 1

Student: 451, Adult: 415

Student won (5 points)

Game 2

Card 1 - 8

Card 2 - 0

Card 3 - 3

Student: 830, Adult: 830

Student tied (3 points)

Game 3

Card 1 - 2

Card 2 - 6

Card 3 - 9

Student: 692, Adult: 962

Student lost (0 points)

Student Gameboard

Game	100s	10s	1s	Score
1	4	5	1	5
2	8	3	0	3
3	6	9	2	0

Adult Gameboard

Game	100s	10s	1s	Score
1	4	1	5	
2	8	3	0	
3	9	6	2	

You can make this more challenging by adding more columns to create larger numbers (with grade 5s we usually play with at least 5 digits, up to 10,000).