

The Dice Mall

Money Sense Dice Games, part 2 | Teacher notes



BC Math 5 content: monetary calculations, including making change with amounts to 1000 dollars and developing simple financial plans.

What is new

- A new catalogue: 36 items in 6 mall stores. No repeats from the Dice Shop.
- Same rules as the \$1000 Shopping Spree, so learners can start right away.
- **Doubles = SALE.** Roll doubles and take \$5.00 off. The 6 sale items have a red SALE tag.

You need

- 2 dice per group (two colours: one row, one column)
- 1 Dice Mall page per group
- 1 Mall Spree sheet per player, and pencils
- Calculators for checking only

Teaching tips

- Model a sale turn: Tennis racket \$74.30 minus \$5.00 = \$69.30.
- Name the strategies: counting up, counting back, decomposing.
- Partners check each other's math every turn.

Why it works

The average item costs about \$113, so 10 turns land near \$1000. Big items early make the last turns tricky.

Grade 6 stretch

Add 5% GST to each price before buying. Round the total to the nearest 5 cents.

Sample turns to model

Turn	Rolls and item	Price	Total spent	Left on card
Start	Gift card		\$0.00	\$1,000.00
1	5 then 2: Golf club set	\$264.30	\$264.30	\$735.70
2	3 then 3 (doubles!): Tennis racket on sale, \$74.30 minus \$5.00	\$69.30	\$333.60	\$666.40

Check: $\$333.60 + \$666.40 = \$1,000.00$

Quick debrief questions

- When did you re-roll? Why?
- How did a sale change your plan?
- Which store would you shop at with only \$50 left? Why?

The Dice Mall

Six stores, 36 things to buy. Prices in Canadian dollars.



1st roll = Row

2nd roll = Column

Doubles = SALE

Example: roll 4 then 2 = Row 4, Column 2 = Karaoke machine. Roll 5 and 5 = BMX bike on sale.

	Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Row 1 Snack Bar	 Slushie SALE \$5 off \$5.85	 Soft pretzel \$6.40	 Popcorn bucket \$9.15	 Okanagan apple pie \$14.85	 Dozen donuts \$18.95	 Sushi platter \$26.35
Row 2 Pet Store	 Dog chew toy \$14.65	 Goldfish and bowl SALE \$5 off \$22.80	 Leash and collar \$27.35	 Cat scratching post \$36.45	 Lizard terrarium \$58.40	 Bunny hutch \$64.95
Row 3 Sports Store	 Badminton set \$63.20	 Soccer cleats \$67.85	 Tennis racket SALE \$5 off \$74.30	 Roller skates \$82.75	 Ice skates \$94.65	 Hiking boots \$118.45
Row 4 Hobbies and Tech	 Robot kit \$84.60	 Karaoke machine \$96.25	 Sewing machine \$139.85	 Telescope SALE \$5 off \$174.35	 Keyboard piano \$198.70	 Computer monitor \$224.50
Row 5 Big Dreams	 Theme park season pass \$249.75	 Golf club set \$264.30	 BMX bike \$299.85	 Drum kit \$345.60	 Game console SALE \$5 off \$379.95	 Canoe \$389.95
Row 6 Surprise	 Giant chocolate bar \$12.45	 Party supplies \$33.15	 Climbing gym day \$38.75	 Bowling party \$52.80	 Mystery box \$99.95	 Pro hockey game ticket SALE \$5 off \$158.40

\$1000 Mall Spree

Spend as close to \$1000.00 as you can at the Dice Mall.



Name: _____ Partner: _____ Date: _____

 You won a \$1000 gift card to the Dice Mall! You get 10 turns.

How to play

1. Roll for the row, then the column. Find your item.
2. **Buy it, or re-roll once.** After a re-roll you must buy the new item if you can afford it.
3. Buying? Add the price to **Total spent**. Subtract it from **Left on card**.
4. Can't afford it? No purchase this turn.
5. After 10 turns, the player with the **least left on the card** wins.

NEW! Doubles = SALE

Roll the same number twice? Take **\$5.00 off**. Write the sale price.

Check it!

Total spent + Left on card =
\$1,000.00 on every line.

Turn	Item I bought	Price	Total spent	Left on card
Start	Gift card		\$0.00	\$1,000.00
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

I finished with _____ left on my card. Sales I got: _____

My smartest buy was _____ because _____.