

Museum Midnight Map

HOST ONLY - preparation and story

Includes answers. Keep these pages with an adult.

The museum night desk has a label fragment, two disagreeing prints and a crossed-out moving log. Use those records to recover the exhibit location. Collect five named badge digits and use the final sheet. Every clue is on the table; ask the host for one hint at a time.

1. Print one player pack and two record sheets per team. Keep the host answers and all three hint levels with the adult.
2. Keep every clue as a full sheet at one table. Put the final sheet face down until all five results are recorded. Nothing needs cutting, folding or hiding.
3. Give each child a pencil. Choose a reader, recorder and checker, and swap jobs after each clue. Use one team for 2-4 children or two teams for 5-6.

Players: 4; teams: 1. Print one player and prop set per team. Invitations and certificates: 4 each.

Paper and pencils are enough. Keep whole sheets at one table; nothing needs cutting, folding or hiding.

Museum Midnight Map

HOST ONLY - solution guide

1. Label: 2

Only row 3 has VASE followed immediately by 2. Other rows have changed or reversed letters.

2. Print: 4

Different positions are 1, 3, 4, 6. There are 4 differences.

3. Gallery: 8

C3, D1, A3, B1 reads VASE. The conversion table gives 8.

4. Curator: 5

Iris has Model; Noah has Coin; Zoe has Vase. Noah's item gives 5.

5. Log: 5

Known stock: $8 + 4 - 2 = 10$. Closing stock 15 minus 10 gives the missing return 5. Cancelled +7 never arrived.

6. Final: 85254

C2 > E2 > A2 > D2 > B2

Museum Midnight Map

HOST ONLY - timeline and paper check

3 minutes: Read the story, show the badge record and choose roles.

undefined minutes: Solve Label. Offer one hint level at a time if wanted.

3 minutes: Solve Print. Offer one hint level at a time if wanted.

5 minutes: Solve Gallery. Offer one hint level at a time if wanted.

6 minutes: Solve Curator. Offer one hint level at a time if wanted.

5 minutes: Solve Log. Offer one hint level at a time if wanted.

5 minutes: Use the five results on the final sheet.

2 minutes: Read the ending and thank each teammate.

Paper completion: check each badge against the solution guide, then check the final code. No device is required.

The exhibit is returned and its moving record is repaired. The museum can reopen. Thank your team for checking the evidence together. Confirmed final control code: 85254.

Duration and ages are estimates. Adjust pace and offer help for your group.

Museum Midnight Map

Player clue 1: Label | Team 1

The museum night desk has a label fragment, two disagreeing prints and a crossed-out moving log. Use those records to recover the exhibit location. Find five badge digits, then use the final sheet. Help each other and ask for hints.

Label desk: Find the exact word VASE, reading RIGHT only. Reject near matches and reversed words. Copy the digit immediately after it.

Find VASE; only read to the RIGHT.

V	A	S	X	8	A	B	C
E	S	A	V	2	A	B	C
V	A	S	E	2	D	E	F
C	A	M	P	9	S	U	N

Answer = digit in the next square after the word.

Label badge: _____

Museum Midnight Map

Player clue 2: Print | Team 1

Print desk: Compare the two records at matching numbered positions. Count different pairs once each; ignore box outlines.

Compare matching numbered positions.

A

















1

2

3

4

5

6

7

8

B

















1

2

3

4

5

6

7

8

Do not count title, labels, or boxes as differences.

Print badge: _____

Museum Midnight Map

Player clue 3: Gallery | Team 1

Gallery desk: Read the letter at each coordinate, in order. Letter = column; number = row. Convert the complete word using the printed table.

Columns: A, B, C, D. Rows: 1, 2, 3.

1	L	E	S	A	VASE = 8
2	R	U	X	A	CASE = 1
3	S	Z	V	F	BOOK = 4

READ COORDINATES IN ORDER:
C3 > D1 > A3 > B1

Gallery badge: _____

Museum Midnight Map

Player clue 4: Curator | Team 1

Curator desk: Each person has ONE different item. Use all four NOT rules.
Find Noah's item and copy its digit.

Vase digit 2	Coin digit 5	Model digit 8
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People: Iris, Noah, Zoe

Iris does NOT have Coin.

Noah does NOT have Model.

Noah does NOT have Vase.

Zoe does NOT have Model.

Find Noah's item. Each item is used once.

Curator badge: _____

Museum Midnight Map

Player clue 5: Log | Team 1

Log desk: A return entry lost its amount. Use the opening and closing stock to find the missing return. Apply DONE entries; ignore the CANCELLED plan.

Opening stock: 8. Closing stock: 15.

Received: +4 DONE
Planned: +7 CANCELLED
Issued: -2 DONE
Returned: ? DONE

Missing return = ? units. Ignore cancelled plans.

Log badge: _____

Museum Midnight Map

Player clue 6: Final | Team 1

Copy each badge digit into its named slot. Read the slots in the printed order; join all five digits.

A2: Label ?	B2: Print ?	C2: Gallery ?
D2: Curator ?	E2: Log ?	

READ SLOTS IN THIS ORDER:

C2 > E2 > A2 > D2 > B2

Final badge: _____

Need help? Ask your host for one hint at a time.

Museum Midnight Map

Hint cards - level 1 (spoilers; keep with host)

1. Label

Start at V and check every letter.

2. Print

Compare position 1 with position 1, not with a nearby matching shape.

3. Gallery

Columns A-D run left to right. Rows 1-3 run top to bottom.

4. Curator

No item can belong to two people. Cross out each forbidden pairing.

5. Log

The missing amount is a return into stock. The cancelled delivery never happened.

6. Final

Keep all five named badge results beside this sheet.

Museum Midnight Map

Hint cards - level 2 (spoilers; keep with host)

1. Label

The exact word starts in row 3, column 1. Check its letters against the target.

2. Print

Position 1 is one difference: circle in A, diamond in B. Mark it once.

3. Gallery

The first coordinate C3 means column C, row 3. Its letter is V.

4. Curator

Noah cannot have two items, so Noah must have Coin.

5. Log

Start with 8. Apply +4 then -2. Ignore the cancelled +7.

6. Final

C2 is read first; it holds Gallery.

Museum Midnight Map

Hint cards - level 3 (spoilers; keep with host)

1. Label

In that row, copy column 5, the cell immediately after the complete word.

2. Print

Compare the remaining numbered pairs one by one. Add one mark for each unequal pair, then count all your marks.

3. Gallery

Begin with V, then read D1, A3, B1 in order. Use the complete word's conversion row.

4. Curator

Cross Coin off for the other two people. Apply the last NOT rule, then find Noah's item.

5. Log

The known entries leave 10. How much must return to reach the closing stock of 15?

6. Final

Read slots C2, E2, A2, D2, B2. Copy every stored digit in that order, including zero.

Museum Midnight Map

Team 1 badge record (no cutting needed)

Write a digit beside each badge as you solve its clue.

Label: _____

Print: _____

Gallery: _____

Curator: _____

Log: _____

Reader: reads the clue. Recorder: writes the digit. Path finder: traces routes. Swap roles every clue.

Museum Midnight Map

Team 1 paper unlock card

Our five badges are ready. We used the final sheet to find this code:

Host: compare this with your solution guide. When it matches, read the ending and celebrate.

No physical lock or prize is required. You may draw a celebration star on this card.

Museum Midnight Map

You're invited to a birthday mystery!

Join Birthday Explorer for Museum Midnight Map.

Return the missing museum exhibit to its numbered gallery.

Date: _____

Time: _____

Place: _____

Bring your curiosity. Paper and pencils are provided. Work together, share ideas and solve six clues.

Designed for ages 8-10. Estimated 30-45 minutes.

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Museum Midnight Map

Birthday Mystery Explorer

Presented to Birthday Explorer

Team member: _____

For completing Museum Midnight Map with curiosity,
teamwork and kindness.

The exhibit is returned and its moving record is repaired. The
museum can reopen. Thank your team for checking the evidence
together. Confirmed final control code: 85254.

Date: _____

Host signature: _____

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