

Station Ticket Timeline

HOST ONLY - preparation and story

Includes answers. Keep these pages with an adult.

The station desk has an event timeline, three traveler clues and an altered ticket print. Reconstruct the evidence and find the right ticket code. 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.

Station Ticket Timeline

HOST ONLY - solution guide

1. Time: 5

The only order is Buy ticket > Check board > Reach gate > Board train. Position 4 carries 5.

2. Traveler: 3

Eve has Case; Sam has Box; Tao has Bag. Eve's item gives 3.

3. Print: 4

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

4. Fare: 9

Known stock: $9 + 4 - 1 = 12$. Closing stock 21 minus 12 gives the missing return 9. Cancelled +7 never arrived.

5. Platform: 3

C1, D2, A1, A1 reads PASS. The conversion table gives 3.

6. Final: 02627

Only Record C matches all five columns. Copy its printed code 02627.

Station Ticket Timeline

HOST ONLY - timeline and paper check

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

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

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

5 minutes: Solve Platform. 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 lost ticket is identified. The traveler can join the imaginary train journey. Thank your team for checking the evidence together. Confirmed: Record C, code 02627.

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

Station Ticket Timeline

Player clue 1: Time | Team 1

The station desk has an event timeline, three traveler clues and an altered ticket print. Reconstruct the evidence and find the right ticket code. Find five badge digits, then use the final sheet. Help each other and ask for hints.

Time desk: Combine every BEFORE rule to order the four actions. Write positions on the whole-sheet cards. Read position 4.

Buy ticket [9]

Reach gate [3]

Check board [1]

Board train [5]

Buy ticket BEFORE Reach gate

Check board BEFORE Board train

Reach gate BEFORE Board train

Buy ticket BEFORE Check board

Check board BEFORE Reach gate

Read position 4 (positions start at 1).

Time badge: _____

Station Ticket Timeline

Player clue 2: Traveler | Team 1

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

Case

digit 3

Bag

digit 6

Box

digit 9

People: Eve, Sam, Tao

Eve does NOT have Box.

Sam does NOT have Case.

Sam does NOT have Bag.

Tao does NOT have Case.

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

Traveler badge: _____

Station Ticket Timeline

Player clue 3: 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





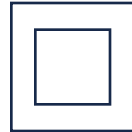












1

2

3

4

5

6

7

8

B

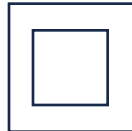




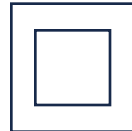












1

2

3

4

5

6

7

8

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

Print badge: _____

Station Ticket Timeline

Player clue 4: Fare | Team 1

Fare 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: 9. Closing stock: 21.

Received: +4 DONE

Planned: +7 CANCELLED

Issued: -1 DONE

Returned: ? DONE

Missing return = ? units. Ignore cancelled plans.

Fare badge: _____

Station Ticket Timeline

Player clue 5: Platform | Team 1

Platform 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	S	F	P	M
2	H	L	P	A
3	N	R	U	X

PASS = 3

CASE = 6

VASE = 9

READ COORDINATES IN ORDER:

C1 > D2 > A1 > A1

Platform badge: _____

Station Ticket Timeline

Player clue 6: Final | Team 1

Compare each record with ALL five badge results. Find the one record matching every column. Copy its complete code, including the first zero.

C1=Time / C2=Traveler / C3=Print

C4=Fare / C5=Platform

Record A: 02607

C1=6 C2=3 C3=4 C4=9 C5=3

Record B: 02617

C1=5 C2=4 C3=4 C4=9 C5=3

Record C: 02627

C1=5 C2=3 C3=4 C4=9 C5=3

Record D: 02637

C1=5 C2=3 C3=5 C4=9 C5=3

Record E: 02647

C1=5 C2=3 C3=4 C4=0 C5=3

Record F: 02657

C1=5 C2=3 C3=4 C4=9 C5=4

Final badge: _____

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

Station Ticket Timeline

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

1. Time

The printed cards are deliberately out of order.

2. Traveler

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

3. Print

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

4. Fare

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

5. Platform

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

6. Final

Keep all five named badge results beside this sheet.

Station Ticket Timeline

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

1. Time

Buy ticket must come first. Work out which action comes directly after it.

2. Traveler

Sam cannot have two items, so Sam must have Box.

3. Print

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

4. Fare

Start with 9. Apply +4 then -1. Ignore the cancelled +7.

5. Platform

The first coordinate C1 means column C, row 1. Its letter is P.

6. Final

Use C1=Time, C2=Traveler, C3=Print, C4=Fare, C5=Platform.

Station Ticket Timeline

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

1. Time

The first two actions are Buy ticket, then Check board. Finish the chain and read position 4.

2. Traveler

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

3. Print

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

4. Fare

The known entries leave 12. How much must return to reach the closing stock of 21?

5. Platform

Begin with P, then read D2, A1, A1 in order. Use the complete word's conversion row.

6. Final

Each wrong record differs in just one column. Cross out all five wrong records, then copy the complete remaining code.

Station Ticket Timeline

Team 1 badge record (no cutting needed)

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

Time: _____

Traveler: _____

Print: _____

Fare: _____

Platform: _____

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

Station Ticket Timeline

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.

Station Ticket Timeline

You're invited to a birthday mystery!

Join Birthday Explorer for Station Ticket Timeline.

Find the lost ticket from the station desk records.

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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Station Ticket Timeline

Birthday Mystery Explorer

Presented to Birthday Explorer

Team member: _____

For completing Station Ticket Timeline with curiosity,
teamwork and kindness.

The lost ticket is identified. The traveler can join the imaginary train
journey. Thank your team for checking the evidence together.

Confirmed: Record C, code 02627.

Date: _____

Host signature: _____

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