

## Deduction Mysteries

### CASE 01

A locker key was taken from the science lab of Brierfield Prep between 13:30 and 15:30. Only four staff members had access during that window: Yusuf (secretary), Omari (librarian), Aaliyah (teacher), Arjun (student council president).

#### Q Who took the locker key?

1. Security camera footage shows Arjun at the reception between 13:30 and 15:30.
2. Security camera footage shows Yusuf at the elevator landing between 13:30 and 15:30.
3. Only the four staff members had records-room badge access to the science lab during the window.
4. Aaliyah stated they were resting in the break room, but no witnesses or cameras can confirm this.
5. Security camera footage shows Omari at the main lobby between 13:30 and 15:30.

A) Omari	B) Arjun	C) Aaliyah	D) Yusuf
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### CASE 02

A science project was taken from the science lab of Westbrook Academy between 16:15 and 19:45. Only four staff members had access during that window: Quincy (janitor), Thora (substitute teacher), Galina (secretary), Roksana (librarian).

#### Q Who took the science project?

1. Thora was leading a tour during the window – confirmed by 8 colleagues.
2. The keycard log confirms Galina was at the faculty lounge the entire time.
3. Only the four staff members had combination access to the science lab during the window.
4. Roksana stated they were on a coffee run, but no witnesses or cameras can confirm this.
5. Security camera footage shows Quincy at the main lobby between 16:15 and 19:45.

A) Roksana	B) Galina	C) Thora	D) Quincy
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### CASE 03

An equipment manifest was taken from the locker room of Northgate Athletic Club between 16:40 and 18:15. Only four staff members had access during that window: Akhil (team statistician), Dario (assistant coach), Frida (athletic trainer), Cosima (equipment manager).

#### Q Who took the equipment manifest?

1. Frida stated they were resting in the break room, but no witnesses or cameras can confirm this.
2. Only the four staff members had team key access to the locker room during the window.
3. Security camera footage shows Cosima at the front desk between 16:40 and 18:15.
4. The equipment sign-out confirms Akhil was at the equipment shed the entire time.
5. Dario's facility badge log shows continuous activity at the remote office from 16:40 to 18:15.

A) Akhil	B) Cosima	C) Dario	D) Frida
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## Deduction Mysteries

### CASE 04

An expensive welding rod was taken from the paint booth of Helix Restoration between 16:15 and 18:15. Only four staff members had access during that window: Theo (quality inspector), Hasan (electrician), Ilya (parts clerk), Mira (apprentice).

#### Q Who took the expensive welding rod?

1. Ilya's shop key log shows continuous activity at the off-site facility from 16:15 to 18:15.
2. Security camera footage shows Hasan at the elevator landing between 16:15 and 18:15.
3. Only the four staff members had shop key access to the paint booth during the window.
4. Mira stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.
5. Theo's shop key log shows continuous activity at the training center from 16:15 to 18:15.

A) Mira	B) Ilya	C) Hasan	D) Theo
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### CASE 05

A specialized welding kit was taken from the customer pickup bay of Helix Restoration between 13:40 and 16:10. Only four staff members had access during that window: Polina (welder), Suri (master mechanic), Hattie (shop manager), Enzo (quality inspector).

#### Q Who took the specialized welding kit?

1. Suri stated they were reviewing files at their desk, but no witnesses or cameras can confirm this.
2. Security camera footage shows Enzo at the main lobby between 13:40 and 16:10.
3. Hattie was leading a meeting during the window – confirmed by 3 witnesses.
4. Polina's manager key log shows continuous activity at the off-site facility from 13:40 to 16:10.

A) Enzo	B) Polina	C) Hattie	D) Suri
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### CASE 06

A production database was taken from the executive suite of Meridian Data between 14:40 and 17:10. Only four staff members had access during that window: Frida (CTO), Maeve (contractor), Priya (DevOps lead), Dario (support lead).

#### Q Who extracted the production database?

1. Priya's badge log shows continuous activity at the off-site facility from 14:40 to 17:10.
2. Security camera footage shows Maeve at the main lobby between 14:40 and 17:10.
3. Only the four staff members had badge access to the executive suite during the window.
4. Dario stated they were taking a short walk, but no witnesses or cameras can confirm this.
5. Frida was leading a tour during the window – confirmed by 8 colleagues.

A) Maeve	B) Frida	C) Dario	D) Priya
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## Deduction Mysteries

### CASE 07

A curator notebook was taken from the rare books vault of Helix Reading Room between 15:45 and 18:15. Only four staff members had access during that window: Anastasia (archivist), Aurora (reference librarian), Quentin (research assistant), Bao (rare-books curator).

#### Q Who took the curator notebook?

1. Aurora stated they were on a coffee run, but no witnesses or cameras can confirm this.
2. Quentin was leading a demonstration during the window – confirmed by 7 colleagues.
3. Security camera footage shows Bao at the elevator landing between 15:45 and 18:15.
4. Only the four staff members had vault key access to the rare books vault during the window.
5. Anastasia was leading a tour during the window – confirmed by 3 witnesses.

A) Bao	B) Anastasia	C) Aurora	D) Quentin
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### CASE 08

A medieval folio was taken from the microfilm area of Aldermarsh Library between 14:10 and 17:10. Only four staff members had access during that window: Simeon (archivist), Anastasia (visiting scholar), Sora (custodian), Zinnia (cataloger).

#### Q Who took the medieval folio?

1. Sora was leading a session during the window – confirmed by 4 witnesses.
2. Anastasia stated they were on a coffee run, but no witnesses or cameras can confirm this.
3. The door sensor confirms Zinnia was at the restoration room the entire time.
4. Simeon's reading-room pass log shows continuous activity at the training center from 14:10 to 17:10.

A) Simeon	B) Anastasia	C) Zinnia	D) Sora
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### CASE 09

A sealed reagent was taken from the equipment closet of Helix Bioresearch between 16:20 and 19:45. Only four staff members had access during that window: Ula (clinical coordinator), Ginevra (graduate student), Aleksandr (equipment manager), Mahdi (lab technician).

#### Q Who swapped the sealed reagent?

1. Ginevra stated they were resting in the break room, but no witnesses or cameras can confirm this.
2. Mahdi was leading a meeting during the window – confirmed by 5 attendees.
3. Ula's biohazard clearance log shows continuous activity at the off-site facility from 16:20 to 19:45.
4. Security camera footage shows Aleksandr at the reception between 16:20 and 19:45.

A) Mahdi	B) Ula	C) Aleksandr	D) Ginevra
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## Answer Key – Deduction Mysteries

Solve before peeking. Correct suspect and key reasoning steps below.

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### Case 01 C) Aaliyah

- ☒ A locker key was taken from the science lab between 13:30 and 15:30.
  - ☒ Yusuf is cleared – verified alibi during the window.
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### Case 02 A) Roksana

- ☒ A science project was taken from the science lab between 16:15 and 19:45.
  - ☒ Quincy is cleared – verified alibi during the window.
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### Case 03 D) Frida

- ☒ An equipment manifest was taken from the locker room between 16:40 and 18:15.
  - ☒ Akhil is cleared – verified alibi during the window.
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### Case 04 A) Mira

- ☒ An expensive welding rod was taken from the paint booth between 16:15 and 18:15.
  - ☒ Theo is cleared – verified alibi during the window.
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### Case 05 D) Suri

- ☒ A specialized welding kit was taken from the customer pickup bay between 13:40 and 16:10.
  - ☒ Polina is cleared – verified alibi during the window.
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### Case 06 C) Dario

- ☒ A production database was taken from the executive suite between 14:40 and 17:10.
  - ☒ Frida is cleared – verified alibi during the window.
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### Case 07 C) Aurora

- ☒ A curator notebook was taken from the rare books vault between 15:45 and 18:15.
  - ☒ Anastasia is cleared – verified alibi during the window.
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### Case 08 B) Anastasia

- ☒ A medieval folio was taken from the microfilm area between 14:10 and 17:10.
  - ☒ Simeon is cleared – verified alibi during the window.
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### Case 09 D) Ginevra

- ☒ A sealed reagent was taken from the equipment closet between 16:20 and 19:45.
- ☒ Ula is cleared – verified alibi during the window.