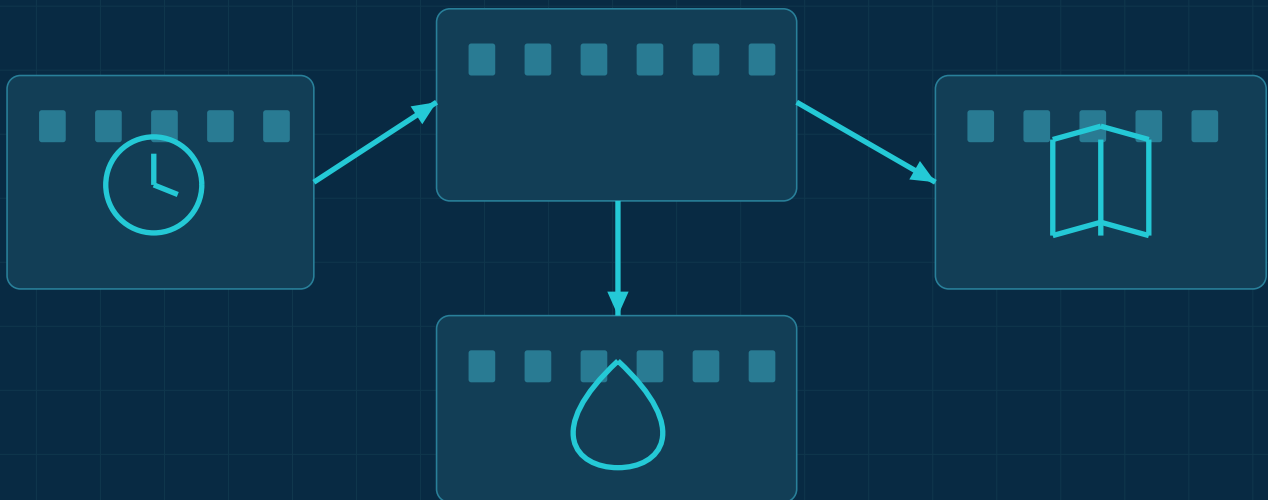


THE LAST DROP

CAMPUS COUNTDOWN

The festival is ready.
The dashboard is locked.
The missing water is your lead.

T - 45:00



PLAYER PACK

AGES 15+ / 3-5 PLAYERS / 60-75 MIN / B1-B2

A4 / SINGLE-SIDED / PRINT AT 100% / NO APP NEEDED



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The festival cannot open. Yet.

START HERE / FICTIONAL CAMPUS / WORLD WATER DAY

The school festival opens in one hour. Music is ready. Food stalls are waiting. But the festival dashboard is locked: it has found unusual water use. Engineer Mara is checking the building. She needs your team to investigate the paper records and send a careful response. Drinking water and handwashing remain available.

INCOMING / MARA, SITE ENGINEER

“I am checking the building. You have my paper records. Find the completed checks, reach the control desk and work out what the water figures really say. Do not let a confident headline replace evidence.”

Your mission

Solve five sealed files. Each gives a four-digit code. Show your reasoning to the host to unlock the next file. Keep all five codes for the final console. Your release authorises a response plan in the story; staff handle the real checks.

Game rules

Share clues aloud. Change roles after each file. Ask for hints without penalty. Use a calculator and dictionary if helpful. Search only the supplied paper: no real cupboards, taps, pipes or equipment. Nobody is locked in.

ON YOUR TABLE

Mission board + four role cards. Five files will arrive one at a time. A surprise message arrives after File 3. Finish with a 20-second radio update: what you found, what remains uncertain and what staff should do next.



Mission control

TEAM BOARD / KEEP ALL CODES / DO NOT CUT

TEAM CALL SIGN



01 / The engineer's log

VERIFIED CODE



02 / The campus route

VERIFIED CODE



03 / The missing water

VERIFIED CODE



04 / From school to sea

VERIFIED CODE



05 / The response plan

VERIFIED CODE

FINAL RELEASE

Radio update notes / One finding. One uncertainty. One next step.



Choose your crew

CUT FOUR ROLE CARDS / ROTATE AFTER EVERY FILE

Three players: combine Navigator and Reporter. Five players: add a second Evidence Checker. Roles organise the team; everyone may read, calculate and question.

01 CREW PASS

NAVIGATOR

Spread out the map and cards. Ask everyone to point to the clue that supports the route. Hand the role on after each file.

02 CREW PASS

EVIDENCE CHECKER

Watch for cancelled records, estimates and missing information. Ask: "Does this show what happened, or only what might have happened?"

03 CREW PASS

NUMBER KEEPER

Record all accepted codes and units. Explain each calculation so another player can check it. A calculator is welcome.

04 CREW PASS

RADIO REPORTER

Invite a different teammate to explain each answer. Deliver the team's code and reasoning to the host. Prepare the final short update.

TEAM AGREEMENT

No grabbing the cards. No silent solving. Before submitting a code, ask someone else to explain it. A hint is a tool, not a penalty.



The engineer's log

FILE 01 / CUT SIX RECORDS / KEEP THE INSTRUCTION STRIP

Find four completed checks. Use the corrected time if a record has a correction. Ignore booking times, cancelled jobs and tests that did not finish. Put the four checks in time order, earliest first. Read their badge digits. The last badge is your corridor pass.

4

MAINTENANCE BADGE

PUMP CHECK

Booked 08:05. Completed 08:40. The earlier slot was preparation, not the finished check.

1

MAINTENANCE BADGE

DRAIN INSPECTION

Booked 08:15. Cancelled at 08:17. No inspection took place.

8

MAINTENANCE BADGE

FILTER CHECK

First completion entry: 08:50. Signed correction: 08:25. Use the corrected time.

6

MAINTENANCE BADGE

LAB VERIFICATION

Booked 08:20. Completed 08:55. The sample needed a second check.

3

MAINTENANCE BADGE

SENSOR CHECK

Booked 08:30. Completed 08:10. Mara moved the work to an earlier slot.

9

MAINTENANCE BADGE

RESERVE TEST

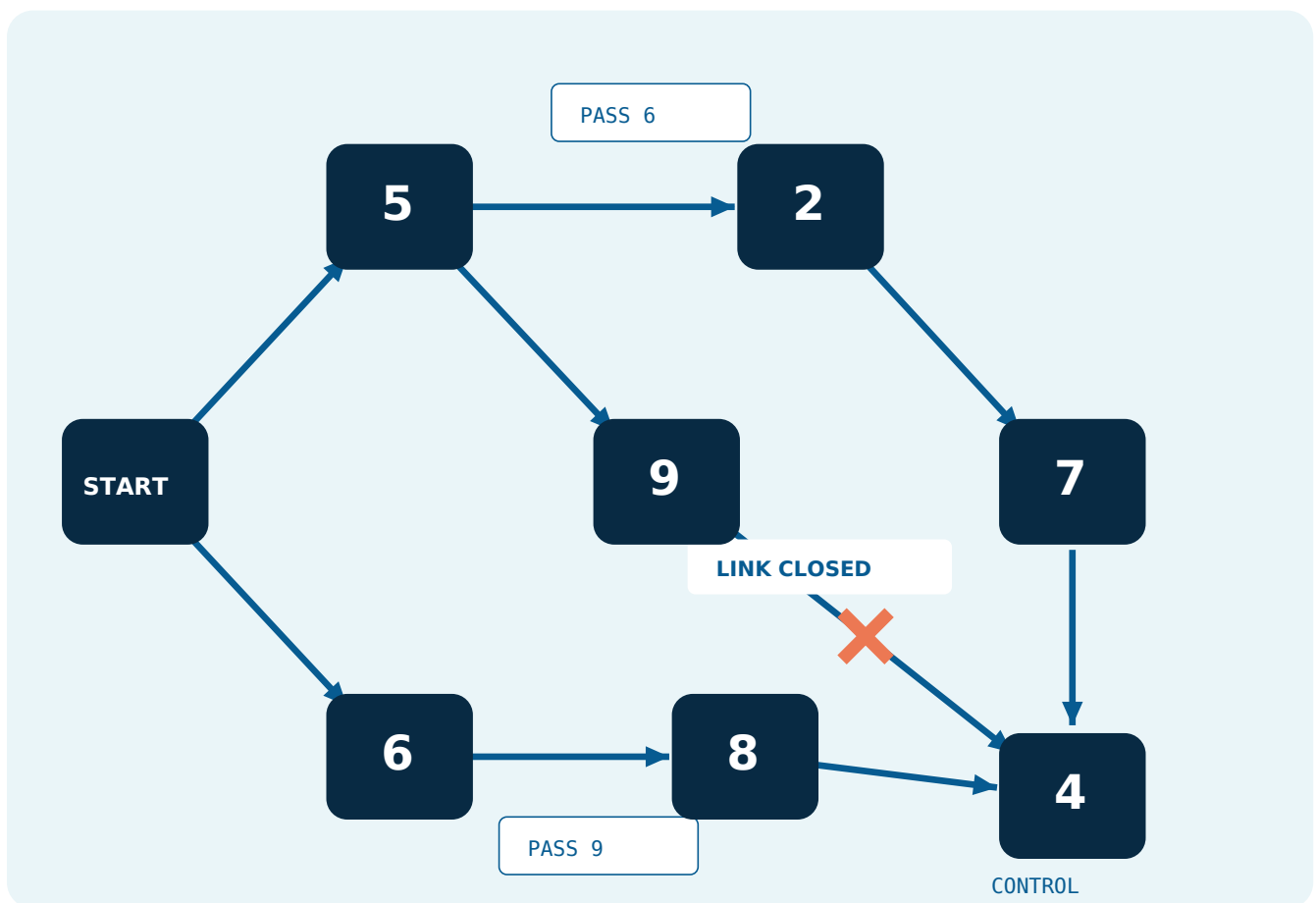
Started 08:00. Stopped at 08:12 before completion. The test did not finish.



Find the control desk

FILE 02 / CAMPUS ACCESS MAP / FICTIONAL NETWORK

Your corridor pass is the last badge from File 1. Follow the arrows from START to CONTROL 4. Never use the closed link. Pass-only doors open only for the matching badge. Read all checkpoint digits on your route, including CONTROL 4 but not START.



MAP KEY

Arrows are one-way. PASS labels apply to the link directly below or above them: 5 → 2 requires pass 6; 6 → 8 requires pass 9. The link 9 → 4 is closed. All other links are open.

ACCESS CODE

Show the host your code and your reasoning. Keep every accepted code.

Where did the water go?

FILE 03 / METER DESK / USE THE FICTIONAL RECORDS

Work out the total water use between the two readings. Change cubic metres to litres. Subtract the recorded automatic use. The four-digit remainder is your code. Then check Mara's leak idea: does a matching number prove what happened?

FRIDAY / 18:00

1520.000

m³ / CUMULATIVE METER

MONDAY / 06:00

1528.400

m³ / CUMULATIVE METER

SITE RECORD

The two readings are exactly 60 hours apart. No people were recorded on site. Automatic flushing used 1,200 litres. For the calculations, accept both readings and the automatic-use record as accurate.

MARA'S PENCIL NOTE / NOT A MEASUREMENT

"A leak might run at 2 litres per minute. I have not measured a leak or confirmed where it is. Please test the idea, not just the arithmetic."

Conversion: 1 m³ = 1,000 litres. 1 hour = 60 minutes.

Total litres: _____ Minus logged use: _____

Unexplained litres: _____ Estimated leak volume: _____

ACCESS CODE

Show the host your code and your reasoning. Keep every accepted code.



Reconnect the water story

FILE 04 / CUT SIX PLACE CARDS / USE WITH P08

Follow water from the well to the ocean through the school. Choose four place cards and put them in order. The well and ocean are already on the board. Read the four IDs between them. Follow the stated pipes; do not add a different water system.

2

PLACE IN THE NETWORK

WASTEWATER PLANT

Receives used sink water through the sewer. Treats it before it enters the river. This is not the drinking-water plant.

7

PLACE IN THE NETWORK

BOTTLED-WATER DEPOT

Stores bottles delivered by road. No pipe connects this depot to the school sink.

8

PLACE IN THE NETWORK

SCHOOL TAP + SINK

Receives treated supply water. After use at the sink, water leaves through the sewer.

6

PLACE IN THE NETWORK

RIVER

Receives treated water from the wastewater plant. Flows downstream to the ocean.

3

PLACE IN THE NETWORK

RAINWATER TANK

Collects roof rain for the garden. It is not connected to the school sink in this case.

4

PLACE IN THE NETWORK

DRINKING-WATER PLANT

Receives pumped groundwater from the well. Treats it and sends it through supply pipes to the school.



From school to sea

FILE 04 / ASSEMBLY BOARD / KEEP P07 BESIDE THIS PAGE

Lay your four chosen cards beside this board. Write their IDs in the empty boxes. The site record fixes the route: well water supplies the school sink; used sink water enters the sewer; treated discharge enters a river that reaches the sea.



GROUNDWATER WELL

START / WATER IS PUMPED TO THE FIRST PLACE



PLACE 1



PLACE 2



PLACE 3



PLACE 4



OCEAN

END / THE SCHOOL IS PART OF A CONNECTED SYSTEM

Before submitting: does water returning to the environment automatically return it to the same place, at the same time and with the same quality?

What should the school do?

FILE 05 / RESPONSE DECK A / PAIR WITH P10 + MARA'S UPDATE

Choose one response card for each heading: CHECK, RECORD, KEEP OPEN, REPORT. Follow all four requirements and stay within 10 credits. Read the card IDs in that order. Use the new message from Mara when you choose the REPORT card.

FOUR REQUIREMENTS / EXACTLY ONE CARD EACH

CHECK / Only authorised staff inspect; document findings.

RECORD / Compare two further 60-hour periods with occupancy and automatic-use logs.

KEEP OPEN / Protect drinking water and handwashing.

REPORT / Use the update accurately; distinguish change from proven cause.

7

RESPONSE OPTION

CHECK / 0 CREDITS

Ask students to open the pipe cupboard and adjust valves during lunch.

9

RESPONSE OPTION

CHECK / 3 CREDITS

Ask authorised staff to inspect possible leaks and document what they find or repair.

1

RESPONSE OPTION

RECORD / 2 CREDITS

Compare two more 60-hour weekends. Record meter use, people on site and automatic flushing.

8

RESPONSE OPTION

RECORD / 1 CREDIT

Take one photo of the new reading. Leave out occupancy and automatic-use records.



Protect access. Tell the truth.

FILE 05 / RESPONSE DECK B / TOTAL BUDGET: 10 CREDITS

Complete your package with one KEEP OPEN card and one REPORT card. Calculate the total cost of all four chosen cards. The statement must agree with Mara's new message.

2

RESPONSE OPTION

KEEP OPEN / 0 CREDITS

Close every drinking-water and handwashing point so the meter cannot rise.

5

RESPONSE OPTION

KEEP OPEN / 4 CREDITS

Keep drinking water and handwashing available while staff investigate.

3

RESPONSE OPTION

REPORT / 1 CREDIT

Use fell by 6,600 litres. That is good news, but the cause is unconfirmed and 600 litres remain unexplained.

6

RESPONSE OPTION

REPORT / 1 CREDIT

The fall proves we repaired a leak. All avoidable water use has now ended.

RESPONSE PACKAGE

CHECK: ____ + RECORD: ____ + KEEP OPEN: ____ + REPORT: ____ credits

Total: ____ / 10 credits. Code: read the four selected card IDs in this same category order, not their costs.



The final release console

OPEN ONLY AFTER FILE 05 / ALL FIVE VERIFIED CODES REQUIRED

Copy your five accepted codes into the console. For each row, choose the digit in the position shown. Count positions from the left, starting at 1. Read the five chosen digits from top to bottom. Send your final code and a short update to the host.

**FILE 01**

TAKE DIGIT 2

				→	
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**FILE 02**

TAKE DIGIT 4

				→	
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**FILE 03**

TAKE DIGIT 1

				→	
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**FILE 04**

TAKE DIGIT 3

				→	
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**FILE 05**

TAKE DIGIT 2

				→	
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Final radio update / 20 seconds

Report the unexplained first-weekend volume, one limit of the evidence and a responsible next action. Explain one connection between the school and the ocean. Share the speaking if you wish.

The host checks the release code and your update. This is a paper simulation: it does not operate real infrastructure.