Kite Festival Forecast

HOST ONLY - preparation and story

Includes answers. Keep these pages and all hint pages with the adult host.

Welcome to the kite festival field. Launch, inspection and landing notes were mixed before the festival rehearsal. Your team has the original records on the table. First recover five pieces of information, then use the final plan to reconstruct the kite demonstration. Keep every result beside its badge so another teammate can check your reasoning.

1. Print the six player sheets and two record sheets for each team. Keep answers and hints with the host.

2. Lay out Event cards, Kite list, the remaining clue sheets and the final plan. All task records are printed inside the sheets; no extra prop is needed.

3. After each clue, pass roles one seat clockwise. With two players, combine Reader with Recorder and Checker with Builder. With five or six, add a second checker and a source finder; everyone explains one decision.

4 players; 1 team. Give each team 6 player sheets and 2 record sheets. Share one host guide and one set of three hint levels.

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

Optional: 4 invitations or certificates, only if selected.

Kite Festival Forecast

HOST ONLY - solution guide

1. Order: B

The before relationships connect all four events. Place linked cards, check any immediate handoff and then read the specified position. Result: B.

2. Record: LEAF

Check source status first, then join the matching tag and bay. The useful information comes from separate records, not their printed row order. Result: LEAF.

3. Ribbon: 2

Different positions are 5, 8. There are 2 differences. Result: 2.

4. Wind: 4

Only row 3 has WIND followed immediately by 4. Other rows have changed or reversed letters. Result: 4.

5. Route: 7

A1, B2, C3, D1 reads WIND. The conversion table gives 7. Result: 7.

6. Final: B-D-A-F-C-E

The five recovered order notes link all six events. Arrange them into one continuous order. Removing any link leaves two neighboring sections without a known order. Checked result: B-D-A-F-C-E.

Kite Festival Forecast

HOST ONLY - timeline, story and ending

3 minutes: Read the opening. Show the evidence record and choose starting roles.

5 minutes: Solve Order. Offer one hint at a time and rotate roles after checking.

5 minutes: Solve Record. Offer one hint at a time and rotate roles after checking.

5 minutes: Solve Ribbon. Offer one hint at a time and rotate roles after checking.

5 minutes: Solve Wind. Offer one hint at a time and rotate roles after checking.

5 minutes: Solve Route. Offer one hint at a time and rotate roles after checking.

7 minutes: Build the six-event run sheet using all five results.

3 minutes: Read the ending. Ask each teammate to explain one rejected alternative.

After Record: One time window can fit the work but fail the journey. Keep each order note beside its source. Pass the record sheet to a new checker before opening the next clue.

After Wind: Four results are recorded. Each teammate points to a source supporting one result. Complete the fifth check before building the six-event run sheet.

Check every result using the solution guide. Offer the next hint only when requested; save the answer reveal until the group is ready.

The crew uses run sheet B-D-A-F-C-E; every recovered order note is respected. Thank each teammate for a different piece of reasoning.

Explain one tempting wrong choice and the evidence that ruled it out. Show how each of the five results affected the six-event run sheet. If a clue is missing, say what remains uncertain before reopening that sheet.

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

Kite Festival Forecast

Player clue 1: Order | Team 1

Launch, inspection and landing notes were mixed before the festival rehearsal. We will use the records on the table to reconstruct the kite demonstration. Share the reading, explain each choice and keep the five results for the final plan.

Arrange the four event cards using every witness note. "Immediately before" means there is no event between them. Report the requested position after the whole order has been checked.

Event cards

A: Raise kite

B: Check string

C: Unroll kite

D: Mark field

Witness notes

C is immediately before A.

B is before C.

D is immediately before B.

Report the event ID in position 2.

Order result: _____

Kite Festival Forecast

Player clue 2: Record | Team 1

Use the kite list and wind windows to follow the completed record. Match printed keys, then report the requested field. A planned or cancelled entry cannot prove a move.

Kite list
item: Hill | tag: PINE | status: checked
item: Meadow | tag: WAVE | status: cancelled
item: Pavilion | tag: STAR | status: draft
Wind windows
tag: STAR | bay: NORTH
tag: PINE | bay: EAST
tag: WAVE | bay: WEST
Field note
bay: WEST | seal: RING
bay: NORTH | seal: KITE
bay: EAST | seal: LEAF
Cross-check
Match A.tag to B.tag.
Match B.bay to C.bay.
A.status is checked.
Report C.seal.

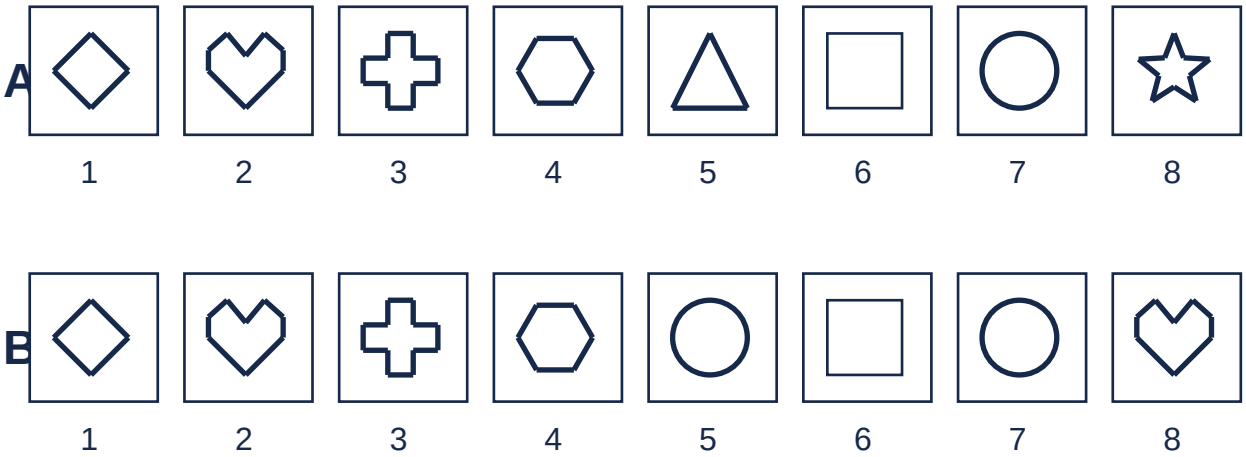
Record result: _____

Kite Festival Forecast

Player clue 3: Ribbon | Team 1

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

Compare matching numbered positions.



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

Ribbon result: _____

Kite Festival Forecast

Player clue 4: Wind | Team 1

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

Find WIND; only read to the RIGHT.

W	I	N	X	8	A	B	C
D	N	I	W	2	A	B	C
W	I	N	D	4	D	E	F
C	A	M	P	9	S	U	N

Answer = digit in the next square after the word.

Wind result: _____

Kite Festival Forecast

Player clue 5: Route | Team 1

Route 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	**W**	**R**	**U**	**D**
2	**T**	**I**	**Z**	**C**
3	**Y**	**B**	**N**	**H**

WIND = 7

MAIL = 0

LAMP = 3

READ COORDINATES IN ORDER:

A1 > B2 > C3 > D1

Route result: _____

Kite Festival Forecast

Player clue 6: Final | Team 1

Each recorded result recovers one order note. Use all five notes to put the six named events in order. A>B means A happens before B. Write all six event IDs from first to last; check that every note is satisfied.

Use your results from: Order, Record, Ribbon, Wind, Route.

Run sheet
A: Unroll kite
B: Mark field
C: Land kite
D: Check string
E: Store string
F: Raise kite
Recovered order notes
Order: B=B>D; A=D>B
Record: RING=A>D; LEAF=D>A
Ribbon: 2=A>F; 0=F>A
Wind: 8=C>F; 4=F>C
Route: 7=C>E; 0=E>C
Order rule
A>B means A happens before B. Use all five notes.
Report all six event IDs in order, with hyphens.

Final result: _____

Ask your host to check your final result and read the ending.

Kite Festival Forecast

Hint level 1 - HOST ONLY

1. Order

Read the event letters and all three witness notes.

2. Record

Start with the status field in Kite list.

3. Ribbon

Compare the same numbered position in the two strips.

4. Wind

Find the exact target word and the allowed reading direction.

5. Route

Find the column letters and row numbers on the grid.

6. Final

Keep the five named results beside the final plan and find the key for each badge.

Kite Festival Forecast

Hint level 2 - HOST ONLY

1. Order

Join immediately-before pairs as a block; other before notes set the direction between blocks.

2. Record

The tag links an item to a bay; rows in separate records need not line up.

3. Ribbon

A difference belongs to a pair of positions and is counted once, even when both shapes differ.

4. Wind

A reversed word or almost-matching spelling does not qualify.

5. Route

A coordinate gives column first and row second; keep the printed coordinate order.

6. Final

Each badge controls a different fact, road leg, order note, pulse or habitat layer. Use the matching key exactly once.

Kite Festival Forecast

Hint level 3 - HOST ONLY

1. Order

Try the remaining positions, then check every note against your full order before reading the requested position.

2. Record

Keep only entries meeting every status test. Follow each printed join to the report field; do not guess from row position.

3. Ribbon

Mark every changed pair, check the unmarked pairs, then count your marks. Ignore titles and box outlines.

4. Wind

Check every letter of the full word, then read the digit immediately after it in the permitted direction.

5. Route

Read the full word before using the conversion table. If the word is missing, recheck each row and column rather than choosing a similar word.

6. Final

Check the completed product against all five recovered facts. If two answers remain, locate the fact that distinguishes them rather than guessing.

Kite Festival Forecast

Team 1 result record

Write the complete result from each clue. Results can be words, routes, orders, settings or numbers.

Order: _____

Record: _____

Ribbon: _____

Wind: _____

Route: _____

Keep this record beside the final clue. Copy results exactly, including any leading zero.

Reader / Recorder / Evidence checker / Route or model builder

After each clue, pass roles one seat clockwise. With two players, combine Reader with Recorder and Checker with Builder. With five or six, add a second checker and a source finder; everyone explains one decision.

Kite Festival Forecast

Team 1 final result and celebration

Our final challenge: Final

We combined our earlier clues to decide:

_____

_____

We know it works because:

_____

_____

Host: compare the result with your solution guide. Read the ending when it matches, then let the team explain one discovery.

No physical lock or prize is required. Draw a celebration star here if you like.

Kite Festival Forecast

You're invited to a mystery!

Join Birthday Explorer for Kite Festival Forecast.

Launch, inspection and landing notes were mixed before the festival rehearsal. Work together to reconstruct the kite demonstration.

Date: _____

Time: _____

Place: _____

Bring your curiosity. Paper and pencils are provided. Share ideas and solve six clues together.

Designed for ages 8-10. Estimated 35-50 minutes.

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Kite Festival Forecast

Mystery Explorer

Presented to Birthday Explorer

Team member: _____

For completing Kite Festival Forecast with curiosity, teamwork and kindness.

The crew uses run sheet B-D-A-F-C-E; every recovered order note is respected. Thank each teammate for a different piece of reasoning.

Date: _____

Host signature: _____

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