

Dinosaur Nest Census

Player clue 1: Food | Team 1

A nest census must be used to choose a shelter, floor, water source, food and approach. We will use the records on the table to build the surveyed nest model. Share the reading, explain each choice and keep the five results for the final plan.

Use only the fictional food-web rules printed here. Start with the food available now. A creature becomes available when its food rule is met. Find which named visitor can live here; a loop cannot create its own first food.

Fictional food-web rules

NIB needs LEAF

PEEP needs SEED

MOTH needs NIB OR PEEP

GLIM needs NIB AND PEEP

LOOP needs TWIN

TWIN needs LOOP

Starting conditions

Available now: SEED.

A result becomes available when its needs are met.

Which of MOTHS, GLIM, LOOP becomes available?

Food result: _____

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Player clue 2: Habitat | Team 1

These are fictional field cards for a paper model. Compare all the recorded conditions with the habitat requirements. A card that passes only one rule is not enough. Report the one card that meets every rule.

Fictional field cards

FERN: light=shade; floor=dry; entry=wide

MOSS: light=sun; floor=damp; entry=narrow

REED: light=shade; floor=damp; entry=wide

Required features

light must not be shade.

entry must be narrow.

Report the one matching card ID.

Habitat result: _____

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Player clue 3: Survey | Team 1

Survey desk: Combine every BEFORE rule to order the four actions. Write positions on the whole-sheet cards. Read position 3.

Check nest [4]

File census [8]

Record marks [6]

Read chart [2]

Read chart BEFORE Record marks

Check nest BEFORE File census

Record marks BEFORE File census

Read chart BEFORE Check nest

Check nest BEFORE Record marks

Read position 3 (positions start at 1).

Survey result: _____

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Player clue 4: Nest | Team 1

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

Find NEST; only read to the RIGHT.

N	E	S	X	8	A	B	C
T	S	E	N	2	A	B	C
N	E	S	T	5	D	E	F
C	A	M	P	9	S	U	N

Answer = digit in the next square after the word.

Nest result: _____

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Player clue 5: Point | Team 1

Point desk: Start at S. Follow EVERY arrow one square, including revisited cells.
Record only the endpoint digit.

S: 5	7	9	1
8	0	2	4
1	3	5	7

right > down > right > up > left > down > right > down

One arrow = one square. S = start.

Point result: _____

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Player clue 6: Final | Team 1

Recover one requirement for each habitat layer from its named result. Choose a matching roof, floor, water source, food and entry. Write the five part IDs in the printed layer order, then point to the evidence supporting each choice.

Use your results from: Food, Habitat, Survey, Nest, Point.

Habitat construction key

Roof (Food): GLIM=shade; MOTH=sun

Floor (Habitat): MOSS=dry; FERN=damp

Water (Survey): 4=still; 6=flow

Food (Nest): 5=leaf; 8=seed

Entry (Point): 5=narrow; 7=wide

Parts (one per layer, top to bottom)

Roof: R2=sun; R1=shade

Floor: F1=dry; F2=damp

Water: W2=flow; W1=still

Food: D1=leaf; D2=seed

Entry: E2=narrow; E1=wide

Build rule

Choose each part meeting its recovered requirement.

Report five part IDs top to bottom, with hyphens.

Final result: _____

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