Pond Neighbor Network

Player clue 1: Food | Team 1

One pond visitor needs both foods while another can use either, so the food web must be read carefully. We will use the records on the table to build the pond-neighbor habitat. 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.

Pebble-pond food web

NIB needs LEAF

SKIM needs ALGAE

DART needs NIB AND SKIM

GLOW needs SKIM AND SEED

PEEP needs GLOW OR BERRY

Starting conditions

Available now: LEAF, ALGAE.

A result becomes available when its needs are met.

Which of DART, GLOW, PEEP 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

BIRCH: light=shade; floor=damp; entry=narrow

CEDAR: light=sun; 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: Record | Team 1

Two visitor records are checked, but this survey needs the rainy-season visit. Match each tag to its season, keep the checked rainy-season record, then follow its patch to the food book and report the food.

Visitor tags
visitor: NIB | tag: K | patch: POOL | status: checked
visitor: PEEP | tag: L | patch: BANK | status: checked
visitor: GLIM | tag: M | patch: REED | status: cancelled
Visit seasons
tag: K | season: RAIN
tag: L | season: DRY
tag: M | season: RAIN
Patch foods
patch: REED | food: SEED
patch: POOL | food: ALGAE
patch: BANK | food: LEAF
Cross-check
Match A.tag to B.tag.
Match A.patch to C.patch.
A.status is checked.
B.season is RAIN.
Report C.food.

Record result: _____

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Player clue 4: Kit | Team 1

Pack a kit that supplies all three needs. One card may cover two needs, but its weight is counted once. Choose the lightest complete kit within the carrier limit. Report its card letters alphabetically.

Supply cards

A: weight 3; gives tie+light

B: weight 2; gives mark

C: weight 2; gives tie

D: weight 4; gives light+mark

E: weight 7; gives tie+light+mark

Packing order

Capacity 7; must cover tie, light, mark.

Use the lightest complete kit. Each card once.

Write chosen card IDs alphabetically, with hyphens.

Kit result: _____

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Player clue 5: Signal | Team 1

Recover the complete desk-signal legend from the training cards. Compare which signals and words appear together across the cards; word order on a card is not a clue. Decode the received message in order. The desk uses this message when handling a pond-neighbor habitat.

Unlabelled legend

Signals: DOT, BAR, ARC, RING. Words: WAIT, SEND, TURN, REST.

Each signal has one word; each word is used once.

Training messages

DOT+BAR means SEND+TURN (any order)

ARC+RING means REST+WAIT (any order)

DOT+ARC means SEND+REST (any order)

Received message

RING > BAR

Report decoded words in order, with hyphens.

Signal 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, Record, Kit, Signal.

Habitat construction key
Roof (Food): DART=shade; GLOW=sun
Floor (Habitat): FERN=dry; MOSS=damp
Water (Record): ALGAE=still; SEED=flow
Food (Kit): A-B-C=leaf; A-B=seed
Entry (Signal): WAIT-TURN=wide; WAIT-SEND=narrow
Parts (one per layer, top to bottom)
Roof: R1=shade; R2=sun
Floor: F2=damp; F1=dry
Water: W1=still; W2=flow
Food: D2=seed; D1=leaf
Entry: E1=wide; E2=narrow
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.