A6 · Real contributions and reviewed responses

Original ordinary model · choose one useful question or representation

FACT1 · Casey / 2024

Biological question → comparable measurement → smart sensing

Prototype/planned tower; installation now not verified

FACT3 · ground / space / 2019

Prototype → ground test → space difficulty → revised test

Anticipated harvest is not a reported final result

Keep FACT2 reef / 2024 separate from FACT4 Mon Repos / artificial light. Match organism, place, period and source before a response.

Choose a useful contribution reason or adult enquiry. These arrows arrange ideas; no real device or map is drawn.

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A6 · Real contributions and reviewed responses

Your choices · optional own paper, words, sign, AAC or exact scribing

Named source/date and contribution pair

Why complementary knowledge or earlier work matters

Problem / science knowledge / reviewed response

Local unknown / actual source limit / next enquiry

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Complete source · use one useful part in your usual communication

Choose a useful job

Choose an actual dated contribution pair or a source-backed problem/response chain. Keep FACT1's prototype/planned tower and FACT3's 2019 revised test separate from a proven installed tower or final harvest. Explain why complementary expertise or earlier work matters to the specific evidence need; naming people alone is not that explanation.

For FACT2/FACT4, keep organisms, places, periods and source boundaries separate. Make problem → science knowledge → possible reviewed response → local unknown. Choose a useful adult enquiry, not electrical work, a beach visit or a forecast. The source does not approve an actual local action. Keep a source/date detail and one unverified claim you have decided to leave unknown.

All four complete factual cards

Four real-world clues

These are original SubjectNest fact summaries, prepared with AI assistance and checked against the named primary text on 3 October 2026 (Australia/Brisbane). They are not provider-authored cards or provider-reviewed AI output. They use no copied photographs, logo, worksheet, art, audio or quoted speaker. The sources do not approve this proposal. Keep the place, period and unknowns with each card. The adult source notes distinguish actual ordinary responses from indexed text readings; a failed ordinary request is not called a downloaded article.

FACT1 · A moss question needs more than a camera

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Complete source · use one useful part in your usual communication · continued

An Australian Antarctic Program article described a prototype observing tower planned near Casey station. It connected earlier moss monitoring with biological, measurement and smart-sensing work. Jane Wasley’s monitoring began in 1999; Krystal Randall explained comparable measurements; Johan Barthelemy described sensing/computing design. Different contributions help connect environmental conditions and living responses.

Source consulted: Australian Antarctic Division, High-tech towers to monitor Antarctic biodiversity — https://www.antarctica.gov.au/news/2024/high-tech-towers-to-monitor-antarctic-biodiversity/, article and displayed update 5 August 2024. Locator: opening/project paragraphs and named contribution paragraphs. Event status: prototype/planned installation as reported in that article; not verified installed now. Place: Bailey Peninsula near Casey, Antarctica; not a Queensland habitat. Units for measurements in the source include metres; this card supplies no measured growth, temperature or survival values. The article’s linked scientific paper, observation feeds and sensor specifications were not opened. Provider copyright is separately reserved; our brief original factual summary does not grant rights to the article/photos. See rights.

Own try: choose two contributions. Explain why either alone would leave a gap, and one question a later record would need to answer. Do not invent anyone’s thoughts or a successful ecological outcome.

FACT2 · A changed condition can affect a reef

Mass coral bleaching can occur when sea temperatures rise. The same condition does not affect every reef equally, and local bleaching has other possible stressors. AIMS records a Great Barrier Reef mass bleaching event in 2024, with later monitoring. This is a historical example, not a report on a reef near you today.

Source: Australian Institute of Marine Science, Coral bleaching events —

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Complete source · use one useful part in your usual communication · continued

https://www.aims.gov.au/research-topics/environmental-issues/coral-bleaching/coral-bleaching-events. Locator: “Mass coral bleaching” and “2024 · Great Barrier Reef and Torres Strait” sections. Article-wide publication/update date is not displayed in the read indexed body; do not use the check date as its update date. Event period in this card: 2024; geography: Great Barrier Reef/selected Australian reefs described there. Units: this card does not reproduce numerical heat-stress thresholds or percentages; temperature and accumulated heat stress are different quantities. It supplies no local reading, cause attribution for a particular reef, species-specific care threshold or forecast. Linked datasets/reports/papers were not opened. Based on Australian Institute of Marine Science data, © Australian Institute of Marine Science 1996; factual paraphrase and task arrangement changed, CC BY 4.0 — https://creativecommons.org/licenses/by/4.0/ subject to AIMS exceptions — https://www.aims.gov.au/cc-copyright and attribution — https://www.aims.gov.au/cc-attribution. No endorsement.

Own try: turn “every reef here is bleached today” into a question for a named place/date and a suitable monitoring source. Name a condition and a living response, while keeping unmeasured local details unknown.

FACT3 · A ground test did not settle a space design

A historical space-plant account describes Howard Levine’s prototype, Techshot’s engineering and fluids expertise being used to revise a water-delivery design after difficulty in space. Three alternative configurations were being tested with red romaine lettuce in 2019. Different knowledge helped revise the design; the article did not supply a final harvest result for us to use.

Source consulted, with no permission/review implied: Danielle Sempsrott, NASA Testing Method to Grow Bigger Plants in Space — https://www.nasa.gov/missions/station/nasa-testing-method-to-grow-bigger-plants-in-space/, published 15 May 2019. Locator: prototype,

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collaboration, evaluation and three-design paragraphs. Event dates actually described include experiment initiation 25 April 2019 and an anticipated final day 16 May 2019; anticipated is not observed. Place: ground development and International Space Station microgravity testing, not an ordinary school habitat. No classroom water dose, growth result or modern mission timetable is inferred. Linked experiment/fact-sheet/video results were not opened. This AI-assisted factual paraphrase is attributed to SubjectNest; NASA is the consulted primary source, not its author or verifier, and is not responsible for AI output accuracy. The current NASA guidelines — https://www.nasa.gov/nasa-brand-center/images-and-media/ include AI source-disclosure, non-endorsement, identifiers/personality and third-party restrictions; no NASA media or branding is used.

Own try: explain what changed after the earlier difficulty and why the team needed more than one kind of knowledge. Do not claim a finished successful experiment from a proposed future harvest.

FACT4 · A light clue for a coastal decision

The Queensland parks page explains that artificial coastal light can disorient turtle hatchlings. Knowledge about this response informs a campaign to reduce glow affecting nesting beaches. It does not establish that a particular school’s lights affect turtles or authorise a child to switch, rewire or shade electrical equipment.

Source: State of Queensland (Department of the Environment, Tourism, Science and Innovation), Cut the Glow to help Turtles Go — https://parks.qld.gov.au/parks/mon-repos/about/cut-the-glow, Mon Repos Conservation Park/Bundaberg context. Locator: “Artificial lights”, “Where’s the horizon?” and campaign-response sections. Publication/update date: not displayed in the read body. Seasonal campaign period is not a new event observation; this card gives no current nesting/visitor/booking status, clock-time instructions or survival

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Complete source · use one useful part in your usual communication · continued

rate. Site alerts are not imported into teaching. No linked brochure/poster/map was opened. © The State of Queensland (Department of the Environment, Tourism, Science and Innovation) 2017–2026; original factual selection/paraphrase/task arrangement changed; department copyright — https://www.detsi.qld.gov.au/help/legal/copyright, covered text CC BY 4.0, excluding images/logos/trademarks/third-party material. No provider art or community cultural material is copied.

Own try: explain problem → scientific knowledge → possible reviewed adult response. Then name two local checks needed before advising on a real place. No beach visit, wildlife interaction or electrical action is required.

Complete free alternative

Use these full words and source tables on scrap paper, an exact read-aloud, sign/AAC or learner-directed marks. No diagram hides extra data. Original diagram descriptions and all labels accompany the complete generated text alternative. Blank areas can be replaced by any amount of own paper; no neatness, handling or writing speed requirement. These are supplied/model jobs, not a completed plant investigation.

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