

# Worm Composting Observation Journal - Teach a Shared Routine

Worm Composting | Teach a Shared Routine | Asset ID COMP-12-07-10

**Purpose:** This original printable observation journal helps home composters, gardeners, schools and community projects work with worm composting while pursuing one defined outcome: make community participation simple, safe and consistent. Its method is to describe what changed, what preceded it and what will be checked next. Use the pages as a working record, not as a substitute for local accepted-material rules, current safety guidance and qualified horticultural or environmental advice where those are needed.

## Resource Map

The subject focus is to support composting worms through moderate feeding and habitat observation. The six working areas below define the scope for this specific resource. Complete only the rows that matter to the present observation cycle, and date any observation that may change.

| # | Working area         | Current evidence                | Next check |
|---|----------------------|---------------------------------|------------|
| 1 | Bedding              | Known / estimated / not checked | _____      |
| 2 | Food Amount          | Known / estimated / not checked | _____      |
| 3 | Moisture             | Known / estimated / not checked | _____      |
| 4 | Temperature Exposure | Known / estimated / not checked | _____      |
| 5 | Pest Evidence        | Known / estimated / not checked | _____      |
| 6 | Harvest Method       | Known / estimated / not checked | _____      |

## Learning and Adaptation Starting Brief

- Gather: Which evidence separates harvest method from bedding in this case? Gather enough records to review the work fairly.
- Align: How does food amount change the interpretation of moisture? Align dates, conditions and measures before comparison.
- Detect: What boundary on temperature exposure must be checked before relying on pest evidence? Detect a repeated strength, gap or turning point.
- Explain: Which observation links bedding to temperature exposure, and what remains uncertain? Explain the pattern without hiding contradictory evidence.
- Prioritise: What alternative explanation could account for both moisture and harvest method? Prioritise one adjustment with the highest useful value.
- Edition success means: complete a handover that a new participant can follow

## Observation Journal

This format is designed to build a useful batch history from sensory and process evidence. For worm composting, apply the method in a deliberate sequence: describe what changed, what preceded it and what will be checked next. The edition target is teach a shared routine, so each entry should show what was noticed, what was tried and what changed.

| Working step                    | What to record                                                                         | Evidence or source         | Status         |
|---------------------------------|----------------------------------------------------------------------------------------|----------------------------|----------------|
| Gather Harvest Method           | Which evidence separates harvest method from bedding in this case?                     | Review set / date          | Open / checked |
| Align Bedding                   | How does food amount change the interpretation of moisture?                            | Comparable record / date   | Open / checked |
| Detect Food Amount              | What boundary on temperature exposure must be checked before relying on pest evidence? | Learning pattern / date    | Open / checked |
| Explain Moisture                | Which observation links bedding to temperature exposure, and what remains uncertain?   | Bounded explanation / date | Open / checked |
| Prioritise Temperature Exposure | What alternative explanation could account for both moisture and harvest method?       | Next priority / date       | Open / checked |
| Schedule Pest Evidence          | What next check on pest evidence would make the record about food amount more useful?  | Review date / date         | Open / checked |

### Completion Standard

- Keep the work tied to worm composting, not to a vague general intention.
- Apply this adjustment: use clear accepted-material signs, assigned tasks and an escalation contact
- Which single adjustment is best supported by the complete review record?
- Expose this outcome risk if it appears: the review set is selective.
- Use original notes and explanations; quote only when necessary, lawful and properly attributed.
- Ask a experienced composter, horticulture professional or local authority contact to challenge one material assumption where appropriate.
- Close with one decision and one follow-up rather than an unranked list of ideas.

### Working Note

Edition COMP-12-07-10 pairs observation journal with the outcome 'Teach a Shared Routine'. That pairing is the boundary for this workbook: material that does not help that outcome belongs in a separate record.

## Progress Review x Learning and Adaptation Focused Practice Lab

This lab pairs a progress review method with a learning and adaptation outcome lens. Work through the six actions to turn the subject focus - support composting worms through moderate feeding and habitat observation - into evidence for teach a shared routine. Preserve any gap that prevents a supported conclusion.

| # | Action                                 | Constraint                                                                                                                                      | Record                           |
|---|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| 1 | Log / Gather pest evidence             | Which evidence separates harvest method from bedding in this case? Gather enough records to review the work fairly.                             | Entry / Review set               |
| 2 | Classify / Align harvest method        | How does food amount change the interpretation of moisture? Align dates, conditions and measures before comparison.                             | Class / Comparable record        |
| 3 | Diagnose / Detect bedding              | What boundary on temperature exposure must be checked before relying on pest evidence? Detect a repeated strength, gap or turning point.        | Cause / Learning pattern         |
| 4 | Adjust / Explain food amount           | Which observation links bedding to temperature exposure, and what remains uncertain? Explain the pattern without hiding contradictory evidence. | Adjustment / Bounded explanation |
| 5 | Retry / Prioritise moisture            | What alternative explanation could account for both moisture and harvest method? Prioritise one adjustment with the highest useful value.       | Retest / Next priority           |
| 6 | Update / Schedule temperature exposure | What next check on pest evidence would make the record about food amount more useful? Schedule the next check and preserve the review trail.    | Target / Review date             |

### Common Failure Modes

- For pest evidence, watch for the entries are not comparable together with the review set is selective.
- For harvest method, watch for the result was misclassified together with unlike records are compared.
- For bedding, watch for the symptom is mistaken for the cause together with noise is mistaken for a pattern.
- For food amount, watch for several adjustments were combined together with contradictory evidence is omitted.
- For moisture, watch for the retry conditions changed together with too many adjustments are prioritised.

### Independent Review Question

Format question: Which repeated pattern deserves the next controlled adjustment? Outcome question: Which single adjustment is best supported by the complete review record? Ask a experienced composter, horticulture professional or local authority contact where appropriate, then answer before the next observation cycle: \_\_\_\_\_

## Compost Observation Plan for Teach a Shared Routine

Use one defined observation cycle to test the outcome rather than attempting every possible task. This edition pairs progress review with learning and adaptation to pursue this objective: make community participation simple, safe and consistent. Preserve the starting condition and both evidence trails.

| Plan field               | Entry                                                                       |
|--------------------------|-----------------------------------------------------------------------------|
| Purpose                  | Teach a Shared Routine                                                      |
| Starting condition       | _____                                                                       |
| Chosen working area      | _____                                                                       |
| Bounded explanation      | use clear accepted-material signs, assigned tasks and an escalation contact |
| Evidence to capture      | _____                                                                       |
| Stop or review condition | _____                                                                       |

### Observation and Follow-up Cycle

| Stage        | Action                                                                                                                      | Evidence                         |
|--------------|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Start        | Which evidence separates harvest method from bedding in this case? Log a comparable attempt or observation.                 | Entry / Review set               |
| First action | How does food amount change the interpretation of moisture? Classify the result without blame.                              | Class / Comparable record        |
| Next check   | What boundary on temperature exposure must be checked before relying on pest evidence? Identify the earliest useful cause.  | Cause / Learning pattern         |
| Follow-up    | Which observation links bedding to temperature exposure, and what remains uncertain? Choose one controlled adjustment.      | Adjustment / Bounded explanation |
| Trend review | What alternative explanation could account for both moisture and harvest method? Retry under stated conditions.             | Retest / Next priority           |
| Close-out    | What next check on pest evidence would make the record about food amount more useful? Update the next target from evidence. | Target / Review date             |

### Progress Entry Log

| Progress Entry | Condition      | Observation | Decision              |
|----------------|----------------|-------------|-----------------------|
| 1              | Same / changed | _____       | Keep / change / check |
| 2              | Same / changed | _____       | Keep / change / check |
| 3              | Same / changed | _____       | Keep / change / check |
| 4              | Same / changed | _____       | Keep / change / check |
| 5              | Same / changed | _____       | Keep / change / check |

## Progress and Error Pattern Review - Learning and Adaptation Lens

This comparison tests worm composting against teach a shared routine through two independent questions. Format: Which repeated pattern deserves the next controlled adjustment? Outcome: Which single adjustment is best supported by the complete review record? Record material setting differences instead of averaging them away.

| Evidence area        | Baseline | Alternative | Interpretation prompt                                                                  |
|----------------------|----------|-------------|----------------------------------------------------------------------------------------|
| Food Amount          | _____    | _____       | Which evidence separates harvest method from bedding in this case?                     |
| Moisture             | _____    | _____       | How does food amount change the interpretation of moisture?                            |
| Temperature Exposure | _____    | _____       | What boundary on temperature exposure must be checked before relying on pest evidence? |
| Pest Evidence        | _____    | _____       | Which observation links bedding to temperature exposure, and what remains uncertain?   |
| Harvest Method       | _____    | _____       | What alternative explanation could account for both moisture and harvest method?       |
| Bedding              | _____    | _____       | What next check on pest evidence would make the record about food amount more useful?  |

### Format Decision Test

| Field                          | Record                                                                   |
|--------------------------------|--------------------------------------------------------------------------|
| Review question                | Which repeated pattern deserves the next controlled adjustment?          |
| Outcome question               | Which single adjustment is best supported by the complete review record? |
| Acceptance lens                | complete a handover that a new participant can follow                    |
| Conditions held steady         | _____                                                                    |
| Evidence supporting the choice | _____                                                                    |
| Evidence against the choice    | _____                                                                    |

### Progress Review Confidence Check

- Review set: what was actually seen, heard, measured or read?
- Format evidence: which record best demonstrates retries compared?
- Outcome evidence: which record best demonstrates records gathered?
- Challenge: could unlike records are compared explain the result?
- Subject boundary: what does this comparison leave unresolved about harvest method?

## Progress Review x Learning and Adaptation Scenario Cards

Use these paired scenarios to rehearse judgement for teach a shared routine. Each card joins a progress review failure mode to an outcome-specific risk. State what remains open and which evidence named in the final column should be collected next.

| # | Situation                                                    | Review question                                                                        | Decision            |
|---|--------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------|
| 1 | Harvest Method: the retry conditions changed.                | Which evidence separates harvest method from bedding in this case?                     | Review set          |
| 2 | Bedding: the target ignores the evidence.                    | How does food amount change the interpretation of moisture?                            | Comparable record   |
| 3 | Food Amount: the entries are not comparable.                 | What boundary on temperature exposure must be checked before relying on pest evidence? | Learning pattern    |
| 4 | Moisture: the result was misclassified.                      | Which observation links bedding to temperature exposure, and what remains uncertain?   | Bounded explanation |
| 5 | Temperature Exposure: the symptom is mistaken for the cause. | What alternative explanation could account for both moisture and harvest method?       | Next priority       |
| 6 | Pest Evidence: several adjustments were combined.            | What next check on pest evidence would make the record about food amount more useful?  | Review date         |

### Decision Record

| Field                  | Notes                                                                    |
|------------------------|--------------------------------------------------------------------------|
| Chosen format scenario | _____                                                                    |
| Outcome lens           | Which single adjustment is best supported by the complete review record? |
| Evidence available     | _____                                                                    |
| Evidence missing       | _____                                                                    |
| Controlled next step   | _____                                                                    |
| Person / review date   | _____                                                                    |

## Eight Progress Review and Learning and Adaptation Evidence Tracker

Track teach a shared routine across eight observation checks using the progress review method and the learning and adaptation outcome lens. Keep conditions visible and use this review question: Which single adjustment is best supported by the complete review record?

| # | Focus                | Condition | Result | Next action |
|---|----------------------|-----------|--------|-------------|
| 1 | Moisture             | _____     | _____  | _____       |
| 2 | Temperature Exposure | _____     | _____  | _____       |
| 3 | Pest Evidence        | _____     | _____  | _____       |
| 4 | Harvest Method       | _____     | _____  | _____       |
| 5 | Bedding              | _____     | _____  | _____       |
| 6 | Food Amount          | _____     | _____  | _____       |
| 7 | Moisture             | _____     | _____  | _____       |
| 8 | Temperature Exposure | _____     | _____  | _____       |

### Progress Review Evidence Dashboard

| Measure                                                            | Baseline | Current | Evidence location |
|--------------------------------------------------------------------|----------|---------|-------------------|
| Bedding: Entries Completed / Records Gathered                      | _____    | _____   | _____             |
| Food Amount: Results Classified / Conditions Aligned               | _____    | _____   | _____             |
| Moisture: Causes Tested / Patterns Detected                        | _____    | _____   | _____             |
| Temperature Exposure: Single Changes Made / Explanations Qualified | _____    | _____   | _____             |
| Pest Evidence: Retries Compared / Adjustments Prioritised          | _____    | _____   | _____             |
| Harvest Method: Targets Updated / Reviews Scheduled                | _____    | _____   | _____             |

### Interpret the Trend

- I included evidence that challenged the most convenient explanation.
- I selected one next adjustment and scheduled when it will be reviewed.
- Keep the method only when the evidence for teach a shared routine improves without hiding unlike records are compared.
- What alternative explanation could account for both moisture and harvest method?
- Use a experienced composter, horticulture professional or local authority contact when the evidence crosses a safety, rights, health or authority boundary.

## Progress Review x Learning and Adaptation Next Step Plan

Finish by turning the paired format and outcome record into one owned action. For this observation journal, the intended result was teach a shared routine; the outcome test is: Which single adjustment is best supported by the complete review record? The close-out standard remains: complete a handover that a new participant can follow.

| Close-out field      | Record                             |
|----------------------|------------------------------------|
| Most useful evidence | _____                              |
| Important limitation | _____                              |
| Decision             | Keep / adapt / pause / seek review |
| Next action          | _____                              |
| Owner and date       | _____                              |
| Evidence location    | _____                              |

### Completion Review

- Subject check: Which evidence separates harvest method from bedding in this case?
- Subject check: How does food amount change the interpretation of moisture?
- Format check: I changed one likely cause rather than several symptoms.
- Outcome check: I included evidence that challenged the most convenient explanation.
- I recorded weather, recent inputs and the time between observation and follow-up.
- I made no sanitation, pathogen-destruction or crop-safety claim from temperature alone.

### Originality and Responsible Use

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