



Core Setup Workbook

WordPress Speed & Performance

Use these sheets beside the lessons. Record what you observe, explain the change you choose and keep a way to restore the working site.

1. Assign Performance Owners
2. Inspect Image Delivery
3. Verify Cache Correctness
4. Module Review

GT Performance is entirely free. You can complete the core exercises without a paid optimization plugin.

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Assign Performance Owners

Remove overlapping responsibilities while preserving needed features.

Site / page under review

Date / visitor state / device

Guided Task

1. List the host, theme, optimizers, CDN and object-cache drop-in.
2. Assign 1 owner to each overlapping optimization job.
3. Follow GT Performance Setup and test a public page and important dynamic task.

Job	Current Owner(s)	Chosen Owner and Reason

Overlapping feature to disable and settings backup

Exact rollback action and feature checks

Complete When

Every performance job has a named owner and overlap is resolved or documented.



Assign Performance Owners Reasoning Check

Try the questions before reading the answer guidance. This is a teaching scenario, not a measured result from your site.

Scenario

A site has host HTML caching, a second caching plugin and 2 separate JavaScript delay engines.

What needs to be resolved before more optimization?

Does the course require a paid optimization plugin?

Answer Guidance

1. Identify the origin page-cache owner and choose 1 script-delay owner. Save settings, remove overlap and repeat task checks.
2. No. GT Performance is entirely free. Hosting or optional infrastructure can have separate costs.

What I will verify on my own site

Keep passwords, API tokens and private customer data out of this workbook.



Inspect Image Delivery

Serve appropriate images with correct discovery, loading and reserved space.

Site / page under review

Date / visitor state / device

Guided Task

1. Select the actual LCP image and a lower-page image.
2. Record the rendered width, requested candidate and loading behavior.
3. Improve 1 property and inspect sharpness, timing and layout stability.

Image and Role	Displayed / Requested Size	Loading / Space / Result

Property changed and reason

Before / after evidence and visual quality verdict

Complete When

The requested candidate is appropriate, LCP is discoverable and dimensions reserve space.



Inspect Image Delivery Reasoning Check

Try the questions before reading the answer guidance. This is a teaching scenario, not a measured result from your site.

Scenario

A phone displays a screenshot in a narrow column but requests a much larger original. The hero image is lazy-loaded.

Which 2 behaviors need separate investigation?

Why might a high-density phone need more pixels than its CSS width?

Answer Guidance

1. Inspect responsive candidates and sizes for the screenshot. Separately confirm the hero is LCP and correct its lazy loading or late discovery.
2. Device pixel density can require a larger candidate. Judge actual requested pixels and legibility, not CSS width alone.

What I will verify on my own site

Keep passwords, API tokens and private customer data out of this workbook.



Verify Cache Correctness

Confirm safe public reuse and protected visitor-specific responses.

Site / page under review

Date / visitor state / device

Guided Task

- 1. Write expected behavior for article, form, cart and account routes as applicable.
- 2. Test a repeated public request and inspect GT Performance diagnostics.
- 3. Change a staging test page and confirm invalidation; check protected routes separately.

Route / Visitor State	Expected Cache Behavior	Observed Decision / Content

Content-change and purge test

Custom language, currency or membership rules requiring attention

Complete When

Public reuse works, protected content remains correct and invalidation is demonstrated.

Verify Cache Correctness Reasoning Check

Try the questions before reading the answer guidance. This is a teaching scenario, not a measured result from your site.

Scenario

A public article and a personalized account page both appear to return shared HTML cache hits.

Which result must be investigated before continuing?

Does installing a Redis integration create a Redis server?

Answer Guidance

1. Investigate the account response, visitor state and cache policy. A high hit ratio cannot justify sharing personalized HTML.
2. No. The host must supply a working Redis service, and the site needs 1 supported object-cache drop-in.

What I will verify on my own site

Keep passwords, API tokens and private customer data out of this workbook.



Core Setup

Module Review

Choose the next action from your evidence. An unknown value is useful when it tells you what to investigate next.

The most useful evidence I collected

The change I kept, or the reason I deferred it

Required features and private-route checks

Exact rollback action and who owns it

Next investigation and the evidence it needs

Module Sign-Off

I can explain the result, reproduce the comparison and restore the previous working state.

