70 Performance

98 Accessibility

87 Best Practices

82 SEO

PWA Progressive Web App

▲ 0–49   50–89   90–100

70

Performance

Metrics

First Contentful Paint	1.0 s	Time to Interactive	1.1 s
Speed Index	2.0 s	Total Blocking Time	0 ms
▲ Largest Contentful Paint	3.8 s	▲ Cumulative Layout Shift	0.324

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.
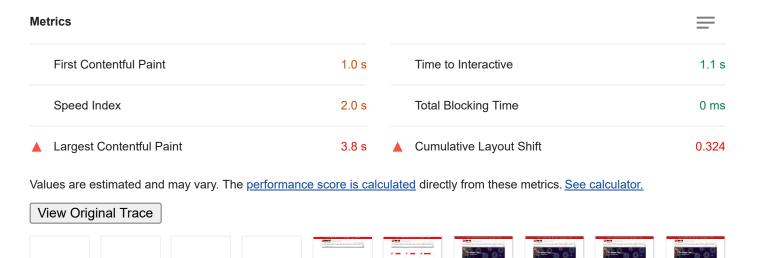
[View Original Trace]

Opportunities — These suggestions can help your page load faster. They don't directly affect the Performance score.

Opportunity	Estimated Savings
Properly size images	0.58 s ⌄
Remove unused JavaScript	0.33 s ⌄
Eliminate render-blocking resources	0.29 s ⌄

Diagnostics — More information about the performance of your application. These numbers don't directly affect the Performance score.

▲ Image elements do not have explicit `width` and `height`   ⌄

Avoid an excessive DOM size — 1,250 elements   ⌄

Avoid enormous network payloads — Total size was 2,925 KiB

Serve static assets with an efficient cache policy — 4 resources found

Avoid chaining critical requests — 5 chains found

Keep request counts low and transfer sizes small — 64 requests • 2,925 KiB

Largest Contentful Paint element — 1 element found

Avoid large layout shifts — 5 elements found

Passed audits (26)

98

Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

Contrast — These are opportunities to improve the legibility of your content.

⚠ Background and foreground colors do not have a sufficient contrast ratio.

Additional items to manually check (10) — These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

Passed audits (19)

Not applicable (24)

87

Best Practices

Trust and Safety

⚠ Includes front-end JavaScript libraries with known security vulnerabilities — 2 vulnerabilities detected

General

⚠️ Registers an `unload` listener ⌄

Passed audits (15) ⌄

Not applicable (1) ⌄

82

SEO

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. [Learn more](#).

Content Best Practices — Format your HTML in a way that enables crawlers to better understand your app's content.

⚠️ Links do not have descriptive text — 1 link found ⌄

Crawling and Indexing — To appear in search results, crawlers need access to your app.

⚠️ Links are not crawlable ⌄

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices. ⌄

Passed audits (9) ⌄

Not applicable (3) ⌄

PWA
—

Progressive Web App

These checks validate the aspects of a Progressive Web App. [Learn more](#).

Installable

⚠ Web app manifest or service worker do not meet the installability requirements — 1 reason ⌄

PWA Optimized

⚠ Does not register a service worker that controls page and `start_url` ⌄

Redirects HTTP traffic to HTTPS ⌄

⚠ Is not configured for a custom splash screen Failures: No manifest was fetched. ⌄

⚠ Does not set a theme color for the address bar.
Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

Content is sized correctly for the viewport ⌄

Has a `<meta name="viewport">` tag with `width` or `initial-scale` ⌄

⚠ Does not provide a valid `apple-touch-icon` ⌄

⚠ Manifest doesn't have a maskable icon No manifest was fetched ⌄

Additional items to manually check (3) — These checks are required by the baseline [PWA Checklist](#) but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually. ⌄

Runtime Settings

URL	https://www.sciencellonline.com/
Fetch Time	May 7, 2021, 8:58 AM PDT
Device	Emulated Desktop
Network throttling	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
CPU throttling	1x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4430.93 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_6) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4420.0 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1414
Axe version	4.1.2

Generated by **Lighthouse** 7.2.0 | [File an issue](#)