Issue Report

Site quality report for https://emsuite.stem.open.ac.uk/ produced on January 10, 2025.

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| --- | --- | --- |
| Overall Quality |                                                   | 1 pages with quality issues |
| Errors |                                                   | 1 pages with broken links or other errors |
| Accessibility |                                                   | 1 pages with accessibility problems |
| Compatibility |                                                  | 0 pages with browser specific issues |
| Search |                                                   | 1 pages with search engine issues |
| Standards |                                                   | 1 pages have W3C standards issues |
| Usability |                                                   | 1 pages with usability issues |
| Totals |  | 50 URLs checked |

# Errors

This section shows site quality issues, including broken links and server mis-configurations.

## Priority 1

1 issues on 1 pages

 This link is broken. The target anchor does not exist or is commented out.

The anchor after the # symbol points to a non-existent id on the target page. If the anchor link targets the same page nothing will happen when it's clicked. If the anchor link targets another page, then the top of the target page will be displayed instead of the intended location. In most cases the destination anchor has been removed accidentally and should be reinstated.

Broken Link

id=int-content <https://emsuite.stem.open.ac.uk/> line 674

## Informative

These messages are for information only and do not indicate errors or conformance problems.

 The Check Page command does not check links or page weight.

To checks links or page weight on a single page use the Check Page and Links command.

Blocked Links

<https://emsuite.stem.open.ac.uk/> line 1

# Accessibility

This section shows accessibility issues, indicating problems for older users, people with disabilities or accessibility needs. Automated testing cannot detect all accessibility issues, so should be used alongside human testing.

## Level A

2 issues on 1 pages

 Elements with role=tablist must contain or own an element with role=tab and must not contain elements with other roles.

[HTML5](https://html.spec.whatwg.org/multipage/)  [ARIA 1.2](https://www.w3.org/TR/wai-aria-1.2/)  [WCAG 2.1 A 1.3.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html) [Section 508 (2017) A 1.3.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html)

Owned roles: list <https://emsuite.stem.open.ac.uk/> line 1122

 This skip link is broken. The target anchor does not exist or is commented out.

The anchor after the # symbol points to a non-existent ID on this page, so nothing happens when it's clicked. In most cases the destination ID has been removed accidentally and should be reinstated.

[WCAG 2.1 A 2.4.1](https://www.w3.org/TR/2008/NOTE-WCAG20-TECHS-20081211/G1) [Section 508 (2017) A 2.4.1](https://www.w3.org/TR/2008/NOTE-WCAG20-TECHS-20081211/G1)

<https://emsuite.stem.open.ac.uk/> line 353 674

## Level AA

1 issues on 1 pages

 The CSS outline or border style on this element makes it difficult or impossible to see the link focus outline.

Do not remove the default outline style, and change any border styles to avoid obscuring the focus outline around focusable elements. See :focus-visiblefor more information.
• Chrome (obscures the focus indicator on links, buttons, dropdowns and range controls)
• Firefox (obscures the focus indicator on links)

[WCAG 2.1 AA F78](https://www.w3.org/TR/WCAG20-TECHS/F78.html) [Section 508 (2017) AA F78](https://www.w3.org/TR/WCAG20-TECHS/F78.html)

outline-color: matches background outline-color: matches background outline-color: matches background outline-color: matches background outline-color: matches background <https://emsuite.stem.open.ac.uk/> line 780 797 865 888 932 ...

## Level AAA

2 issues on 1 pages

 Don't use CSS animations or transitions in interactions without giving the user a way to turn them off.

Use the @media (prefers-reduced-motion) media query to respect user preferences.

[WCAG 2.1 2.3.3](https://www.w3.org/WAI/WCAG21/Understanding/animation-from-interactions.html)

:hover transition: background-size 16.0px 0.0px 3.3px 0.2s :hover transition: background-size 16.0px 0.0px 3.3px 0.2s :hover transition: background-size 16.0px 0.0px 3.3px 0.2s :hover transition: background-size 16.0px 0.0px 3.3px 0.2s :hover transition: background-size 16.0px 0.0px 3.3px 0.2s <https://emsuite.stem.open.ac.uk/> line 1130 1145 1160 1364 ...

 Ensure that text and background colors have a 7:1 contrast ratio.

• The contrast ratio should be 4.5 or more for 18 point text, or larger
• The contrast ratio should be 4.5 or more for 14 point bold text, or larger
• The contrast ratio should be 7.0 or more for all other text

[WCAG 2.1 AAA 1.4.6](https://www.w3.org/WAI/WCAG21/Understanding/contrast-enhanced.html)

The text color to background color contrast ratio after composition is: with color: rgb(255,255,255) background: rgb(50,111,180) font-size: 10.80pt font-weight: 300 with color: rgb(255,255,255) background: rgb(50,111,180) font-size: 10.80pt font-weight: 300 with color: rgb(255,255,255) background: rgb(50,111,180) font-size: 10.80pt font-weight: 300 with color: rgb(255,255,255) background: rgb(50,111,180) font-size: 10.80pt font-weight: 300 with color: rgb(255,255,255) background: rgb(50,111,180) font-size: 10.80pt font-weight: 300 <https://emsuite.stem.open.ac.uk/> line 780 797 865 888 932 ...

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 WCAG Success Criteria 4.1.1 is always satisfied for HTML and XML pages.

Since WCAG 2 4.1.1 was written, the HTML Standard has added requirements specifying exactly how browsers handle incomplete markup, incorrectly nested elements, duplicate attributes, and duplicate IDs. This means the "except where the specifications allow" condition in 4.1.1 is satisfied.

[WCAG 2.1 4.1.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/ensure-compat-parses.html)

<https://emsuite.stem.open.ac.uk/> line 1

# Compatibility

This section shows pages that exhibit browser-specific behavior, or trigger browser bugs.

# Search

This section shows search engine guideline violations, and pages that don't comply with search optimization best practices.

## Priority 2

1 issues on 1 pages

 This page has more than one title element. Only the first title is displayed in search results.

Best Practice

<https://emsuite.stem.open.ac.uk/> line 25 57

## Priority 3

1 issues on 1 pages

 Search engines may penalize invisible text where text color is nearly identical to the background color.

[Google](https://www.google.com/webmasters/guidelines.html)  [Yahoo](https://help.yahoo.com/kb/search/search-content-quality-guidelines-sln2245.html)  [Bing](https://www.bing.com/webmasters/help/webmasters-guidelines-30fba23a)

The colors used are: color: rgb(255,255,255); background-color: rgb(255,255,255); color: rgb(255,255,255); background-color: rgb(255,255,255); <https://emsuite.stem.open.ac.uk/> line 953 956

# Standards

This section shows pages that do not comply with W3C standards.

## Priority 1

5 issues on 1 pages

 Element style not allowed as child element in this context.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://emsuite.stem.open.ac.uk/> line 2472

 Element title not allowed as child element in this context.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://emsuite.stem.open.ac.uk/> line 157

 Elements with role=tablist must contain or own an element with role=tab and must not contain elements with other roles.

[HTML5](https://html.spec.whatwg.org/multipage/)  [ARIA 1.2](https://www.w3.org/TR/wai-aria-1.2/)  [WCAG 2.1 A 1.3.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html) [Section 508 (2017) A 1.3.1](https://www.w3.org/TR/UNDERSTANDING-WCAG20/content-structure-separation-programmatic.html)

Owned roles: list <https://emsuite.stem.open.ac.uk/> line 1122

 Saw <!-- within a comment. Probable cause : Nested comment (not allowed).

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://emsuite.stem.open.ac.uk/> line 1360

 Text not allowed.

[HTML5](https://html.spec.whatwg.org/multipage/)

<https://emsuite.stem.open.ac.uk/> line 160

## Informative

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 Property or at-rule is vendor specific.

Properties and at-rules prefixed by a dash or underscore, the zoom property and the expression() function are vendor specific and only work on one browser engine.

CSS Validation

-webkit-box-decoration-break -webkit-box-decoration-break <https://emsuite.stem.open.ac.uk/> line 581 589

# Usability

This section shows general usability issues, indicating navigation problems for all users.

## Priority 2

1 issues on 1 pages

 Omitting img width or height attributes makes the page layout jump about as images load.

This makes the page very hard to read or click while it's loading. Fix by adding width and height attributes to the img tag matching the image dimensions. In responsive layouts, specifying width and height prevents layout jumping because the browser can pre-calculate the final image size when CSS like this is used: img { max-width: 100%; height: auto }

[Usability.gov 14:3](https://www.powermapper.com/products/sortsite/rules/usegov14.3/) [W3C](https://developer.mozilla.org/en-US/docs/Web/Media/images/aspect_ratio_mapping)

<https://emsuite.stem.open.ac.uk/> line 677 678 679 680 ...

## Priority 3

2 issues on 1 pages

 Use at least a 12-point font on all web pages.

• <p style="font-size: 11pt;" >
• <p style="font-size: 15px;" >
• <p style="font-size: small;" >
• <font size="2" >
• <font size="-1" >

[Usability.gov 11:8](https://www.powermapper.com/products/sortsite/rules/usegov11.8/)

<https://emsuite.stem.open.ac.uk/> line 135

 Use italic text sparingly - for one or two words or a short phrase.

Keep runs of styled text to less than 70 characters. When used well, styled text draws attention to important words, but also decreases reading speed by almost twenty percent.

[Usability.gov 11:10](https://www.powermapper.com/products/sortsite/rules/usegov11.10/)

<https://emsuite.stem.open.ac.uk/> line 1043