Issue Report

Site quality report for https://idea.kmi.open.ac.uk/ produced on January 13, 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 |  | 36 URLs checked |

# Errors

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

## Priority 1

1 issues on 1 pages

 This page contains some spelling errors.

Click the word to add it to the dictionary. Click it again if you want to remove it.

behaviors <https://idea.kmi.open.ac.uk/> line 495

## 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://idea.kmi.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

1 issues on 1 pages

 img elements must have an accessible name.

Add an alt attribute describing the image, which screen readers voice instead of the image. Spacer images and purely decorative images should use alt="" without any global ARIA attributes. Do not use alt text containing only spaces since that's voiced as an unlabeled image.
• NVDA 2023.3 Chrome 120 Windows 10 Reading: Image ignored.
• NVDA 2023.3 FF 115 Windows 10 Reading: Image ignored.
• NVDA 2023.3 Edge 120 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 Chrome 120 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 FF 115 Windows 10 Reading: Image ignored.
• JAWS 2023.2311.34 Edge 120 Windows 10 Reading: Image ignored.
• VoiceOver macOS 13.6 Safari 16.6 macOS 13.6.0 Reading: Image filename read out.
• VoiceOver iOS 16.6 Safari iOS 16.6 iOS 16.6.1 Touch: Image filename read out, along with OCR text from image.

[WCAG 2.1 A F65](https://www.w3.org/TR/WCAG20-TECHS/F65.html) [Section 508 (2017) A F65](https://www.w3.org/TR/WCAG20-TECHS/F65.html)

<https://idea.kmi.open.ac.uk/> line 385 454

## Level AAA

3 issues on 1 pages

 Avoid specifying a new window as the target of a link with target=\_blank .

Displaying new windows without warning can be very confusing to non-sighted and mobile users. Some screen readers and mobile devices give very little indication a new tab or window has opened. If you cannot avoid displaying a new window, insert an "opens in a new window" warning into the link text or add the warning to the link using a title attribute or aria-describedby attribute.

[WCAG 2.1 AAA F22](https://www.w3.org/TR/WCAG20-TECHS/F22.html)

<https://idea.kmi.open.ac.uk/> line 520 528 537 541 ...

 Clickable targets must be at least 44 by 44 CSS pixels.

[WCAG 2.1 2.5.5](https://www.w3.org/WAI/WCAG21/Understanding/target-size.html)

110 x 20 <https://idea.kmi.open.ac.uk/> line 546

 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(82,71,87) background: rgb(166,196,188) font-size: 15pt font-weight: 400 with color: rgb(82,71,87) background: rgb(166,196,188) font-size: 15pt font-weight: 400 with color: rgb(82,71,87) background: rgb(166,196,188) font-size: 15pt font-weight: 400 with color: rgb(82,71,87) background: rgb(166,196,188) font-size: 15pt font-weight: 400 with color: rgb(82,71,87) background: rgb(166,196,188) font-size: 15pt font-weight: 400 <https://idea.kmi.open.ac.uk/> line 404 407 421 441 444 ...

## Informative

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

 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://idea.kmi.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 1

1 issues on 1 pages

 This page has no h1 element, which violates Bing webmaster guidelines.

Add an h1 element just before the main content describing the page.

[Bing](https://www.bing.com/webmasters/help/webmasters-guidelines-30fba23a)

<https://idea.kmi.open.ac.uk/> line 382

## Priority 2

2 issues on 1 pages

 The meta description tag is the same as the title.

The meta description appears below the title in the search results. A search result listing with an identical description and title receives fewer clicks than a listing with a description that gives additional information.

[Bing](https://www.bing.com/webmasters/help/webmasters-guidelines-30fba23a)

<https://idea.kmi.open.ac.uk/> line 7

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

Best Practice

<https://idea.kmi.open.ac.uk/> line 10 19

# Standards

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

## Priority 1

3 issues on 1 pages

 An img element must have an alt attribute, except under certain conditions. For details, consult guidance on providing text alternatives for images.

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

<https://idea.kmi.open.ac.uk/> line 385 454

 Element title not allowed as child element in this context.

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

<https://idea.kmi.open.ac.uk/> line 25

 Text not allowed.

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

<https://idea.kmi.open.ac.uk/> line 26

## Priority 2

5 issues on 1 pages

 Article lacks heading.

Consider using h2 - h6 elements to add identifying headings to all articles.

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

<https://idea.kmi.open.ac.uk/> line 463

 Section lacks heading.

Consider using h2 - h6 elements to add identifying headings to all sections, or else use a div element instead for any cases where no heading is needed.

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

<https://idea.kmi.open.ac.uk/> line 462 464 499

 The complementary role is unnecessary for element aside .

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

<https://idea.kmi.open.ac.uk/> line 503

 The contentinfo role is unnecessary for element footer .

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

<https://idea.kmi.open.ac.uk/> line 516

 The navigation role is unnecessary for element nav .

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

<https://idea.kmi.open.ac.uk/> line 397

# Usability

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

## Priority 2

2 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://idea.kmi.open.ac.uk/> line 385 454 521 525 542 ...

 On long pages, provide a list of contents with links that take users to the corresponding content farther down the page.

For long pages with distinct sections, add a short, clickable list of sections at the top of the page. This provides a page outline, and allows users to quickly navigate to specific information.

[Usability.gov 7:3](https://www.powermapper.com/products/sortsite/rules/usegov7.3/)

<https://idea.kmi.open.ac.uk/> line 1

## Priority 3

3 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://idea.kmi.open.ac.uk/> line 59

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

Keep runs of bold text to less than 70 characters.

[Usability.gov 11:5](https://www.powermapper.com/products/sortsite/rules/usegov11.5/)

<https://idea.kmi.open.ac.uk/> line 475 489

 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://idea.kmi.open.ac.uk/> line 469