Accessibility statement for StREAM

This statement is for the StREAM personal tutoring software which is designed to support all students in maximising their chances of success and realising their potential. StREAM is accessed from https://engage.tees.ac.uk. It is mobile responsive.

AbilityNet has advice on making your device easier to use if you have a disability.

How accessible this website is

StREAM provides visual representations of data sources via graphs and in tabulated format. The content within StREAM can be accessed in the following ways:

Visual Access
- The dark theme inverts the colour scheme to high contrast so that the background is black and the text white. Dark theme is designed to reduce eye strain especially for viewing in low light.
- The page will zoom to 175% without content spilling over.
- The navigation menu has a high contrast ratio of 10.1 with large text of 14 point.
- The engagement graphs (on M.I. Dashboard and the Engagement Breakdown on Student Profile) are provided with a key to quantify the engagement parameters.

Text to Speech
The text-based content in each section of the site can be read-aloud by a text to speech reader within the browser.

Mobile access
StREAM is mobile responsive. Users can flip the content horizontally and vertically. The navigation menu will be displayed a three-line icon in vertical view.

Some parts of the application are not fully accessible:

- Data representations are dynamic and we can't include information tags.
- Data representations are difficult to see for those that are colour blind.
- Our StREAM pages are difficult to navigate using just a keyboard.
- Users can't skip to main content when you are using a screen reader.

Feedback and Contact Information

If you are experiencing issues accessing engagement data within StREAM please contact your personal tutor in the first instance.

If you are experiencing issues accessing content within StREAM please contact via email: elearning@tees.ac.uk

The University will strive to provide accessible content, including the provision of appropriate alternative formats for students who have a Student Support Plan in place. If you are a student with existing arrangements or reasonable adjustments, please contact Disability Services https://libguides.tees.ac.uk/disability.

Reporting accessibility problems with this website

We are always looking to improve the accessibility of this website. If you find any problems not listed on this page or think we're not meeting accessibility requirements, contact via email: elearning@tees.ac.uk

Enforcement procedure

The Equality and Human Rights Commission (EHRC) is responsible for enforcing the Public Sector Bodies (Websites and Mobile Applications) (No. 2) Accessibility Regulations 2018 (the 'accessibility regulations'). If you're not happy with how we respond to your complaint, contact the Equality Advisory and Support Service (EASS).

Contacting us by phone or visiting us in person

We provide a text relay service for people who are deaf, hearing impaired or have a speech impediment.

Address:

Teesside University
Middlesbrough
Tees Valley
TS1 3BX
UK

Technical information about this website's accessibility

With the support of new initiatives from SolutionPath, Teesside University is committed to making its website accessible, in accordance with the Public Sector Bodies (Websites and Mobile Applications) (No. 2) Accessibility Regulations 2018.

Compliance Status

This website is not yet fully compliant with the [Web Content Accessibility Guidelines version 2.1](#) AA standard.

Non accessible content

The content listed below is non-accessible for the following reasons:

- Engagement charts are not displayed as alternative text.
- Resource chart data is displayed in an alternative text, however navigation to the data is not accessible as per point above.
- Selection of alternative dates for visual representations in order to select alternative dates is not accessible as the mechanism used is a 'Calendar'

Non-compliance with accessibility regulations

For the student user

The application is not currently compliant with the Web Content Accessibility Guidelines version 2.1AA standard. The 'Accessible Student View' will be available in release v4.2.1 in December 2020 and will be compliant.

For staff access

For all staff access, there are no current plans to make the staff view compliant with the Web Content Accessibility Guidelines version 2.1AA standard.

Non-text Content: Provide text alternatives for non-text content

Some images do not have a text alternative, so the information in is not available to people using a screen reader. This does not meet WCAG 2.1 success criterion 1.1.1 (non-text content).

Text alternatives for all images will be available by December 2020.

Use of Colour: Don't use presentation that relies solely on colour

Some visual representations (e.g. Resource Pie Chart) rely on colour. This does not meet WCAG 2.1 success criterion 1.4.1 (use of colour).

Text alternatives and additional light and dark themes will be available by December 2020.

Navigating StREAM

StREAM has reduced keyboard navigation and is currently not fully accessible by assistive software such as screen readers. Solutionpath will be implementing the necessary changes to enable keyboard and assistive device navigation by 23rd September 2020.
.

Disproportionate burden

Through platform testing by SolutionPath via [AbilityNet](#) it was determined that to make the application screen reader accessible would require:

- A significant recreation of core code and modification of the design as StREAM was designed to present complex data in an intuitive way and therefore reliant on graphical representations.

- To meet the requirements would take significant time and resource to do so, and reduce the functionality of the software (such as removing visualisations).

It was considered to be a 'disproportionate burden' to achieve complete application accessibility for StREAM and therefore developing a dedicated accessible student view that ensures content is accessible is the proposed solution.

Current functionality Considered Disproportionate Burden

Navigation and accessing information

Currently it is not possible to skip the repeated content in the page header (for example, a 'skip to main content' option). This does not meet WCAG 2.1 success criterion 2.4.1 (bypass blocks).

It is not always possible to change the device orientation from horizontal to vertical without making it more difficult to view the content. This does not meet WCAG 2.1 success criterion 1.3.4 (orientation).

It is not possible for users to change text size without some of the content overlapping. This does not meet WCAG 2.1 success criterion 1.4.4 (resize text).

Interactive tools and transactions

Some interactive forms are difficult to navigate using a keyboard. For example, because some form controls are missing a 'label' tag.

Forms do not meet WCAG 2.1 success criterion 1.3.1 (information and relationships).

The cost of fixing the issues with navigation and accessing information and with interactive tools and transactions now would be a disproportionate burden within the meaning of the accessibility regulations.

Content that's not within the scope of the accessibility regulations

PDFs and other documents

The accessibility regulations don't apply to PDFs or other documents published before 23 September 2018 if they're not essential to providing our Services.

Many of the older PDFs and Word documents do not meet accessibility standards - for example, they may not be structured so they're accessible to a screen reader. This does not meet WCAG 2.1 success criterion 4.1.2 (name, role value).

How we tested this website

This application was last tested in December of 2018. The test was carried out by [AbilityNet](#) who tested the StREAM platform.

What we're doing to improve accessibility

The accessible version of StREAM will be available in the next minor release in accordance to the supplier's roadmap (December 2020).

Proposed accessible enhancements are:

- The single page view will essentially be accordions that can be expanded and collapsed to see different sections of information.
- Making the page AA WCAG 2.1 compliant using a plugin for the design software to adhere to proper contrast ratios and sizes.
- For the engagement tab, now showing the daily engagement data, with plans to change the 'Overall' tab to a table view with the cohort average and top 25% lines represented in the table as extra rows.
- Slight modifications to the engagement bubbles to make them easier to understand; this will likely just be renaming of some labels.
- Removal of both the 'Trend' and the 'Predicted Grade' bubbles.
- Removal of all date pickers and replacing them with set ranges of a week, four weeks and ten weeks.
- Adding a filter for 'open' and 'complete' for exemptions and interventions to make it easier to find what users are looking for.
- Inserting a big table showing resource usage.
- Making the weighting table clearer under resources as it's a little hidden; and removal of the pie chart.
- Context-sensitive links will remain and be added to the wireframes.

- Attendance will remain with additional filters for modules.
- Assessments will be redesigned with the addition of the assessment name on the accordion, with change to submission date, and filter for modules.
- Creation of a light theme and a dark theme for all three types of colour blindness.

Preparation of this accessibility statement

This statement was prepared on 23rd September 2020 in light of the accessibility statement received from SolutionPath on the same date.

This application was last tested in December of 2018. The test was carried out by AbilityNet for SolutionPath.