

MOODLE ACCESSIBILITY 2019-20 UPDATE



Building a more inclusive learning environment and improving the student experience by helping them take clear control of course content with usability, accessibility and quality in mind.



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Digital **Accessibility** Update



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Ally: building a more inclusive learning environment and improving the student experience...with usability, accessibility and quality in mind



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Accessibility Awareness: where to find help, information and advice



Timeline: Green is the Goal for 2019-20

Introduction

The Public Sector Bodies (Websites and Mobile Applications) Accessibility Regulations 2018

Towards a More Accessible Moodle

2019-20



+ Accessible VLEs

This paper was produced in response to the new digital accessibility regulations, which became law on 23rd September 2018: The Public Sector Bodies (Websites and Mobile Applications) Accessibility Regulations 2018



+ Policy Background

The Equality Act (2010) counts disability as among a list of protected characteristics and places duties upon institutions with respect to disabled people. Importantly, universities are counted as 'public authorities' for the purposes of the Equality Act and so have a higher level of duty: they are subject to the Public Sector Equality Duty.



+ Digital Accessibility

"inclusive learning and teaching recognises students' entitlement to a learning experience that respects diversity, enables participation, removes barriers and anticipates and considers a variety of learning needs and preferences without directly or indirectly excluding anyone."
(HEA, 2017)



+ Moodle (VLE)

"...the inclusivity value of a VLE is undermined when the content is not accessible. Digital content is accessible when it is designed to be usable and useful for everyone."
(HEFCE/OfS, 2017)



Ally

Building a more inclusive learning environment and improving the student experience
...with usability, accessibility and quality in mind

01

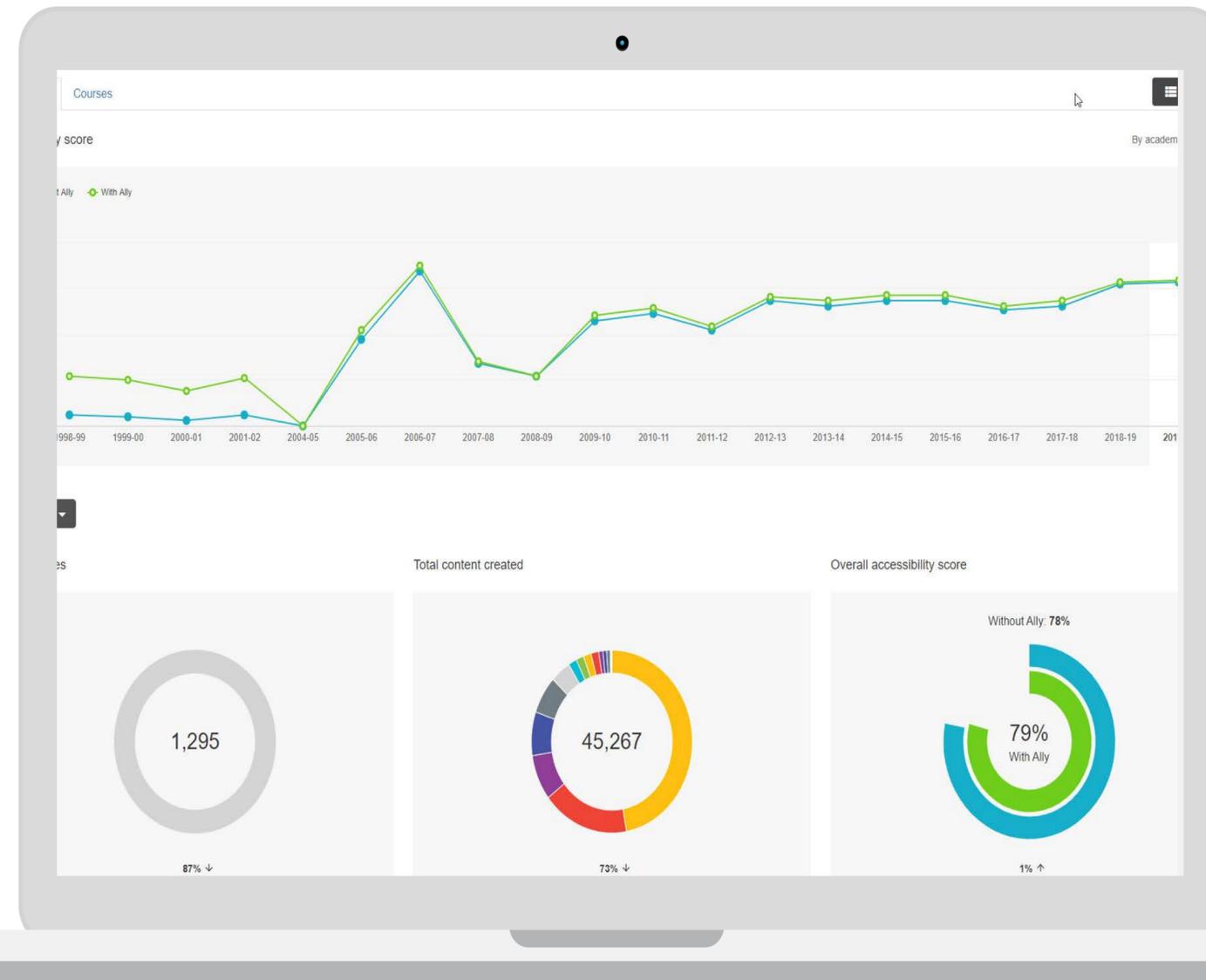
ACCESSIBILITY SCORES

Accessibility score for all course content over a select period of time

02

COURSES & CONTENT

View the total number of new and updated content items



03

OVERALL SCORES

Accessibility score for the selected period

04

ACCESSIBILITY ISSUES

List of accessibility issues found in the selected period

Ally Checks:

Files

PDF

Microsoft Word

Microsoft PowerPoint

OpenOffice/LibreOffice

Uploaded HTML

Images

(JPG, JPEG, GIF, PNG,
BPM, TIFF)

YouTube Videos

WYSIWYG content

Moodle

Assignment

Book

Book chapter

Discussion topics

Forum description

Glossary description

Glossary entry

Label

Lesson description

Lesson page

Page content

Page introduction

Section

Alternative Formats

Generated by [Ally](#)

Ally automatically generates 'alternative formats' from your original course files, and makes them available for download so that students can engage with course content in a way that works best for them.

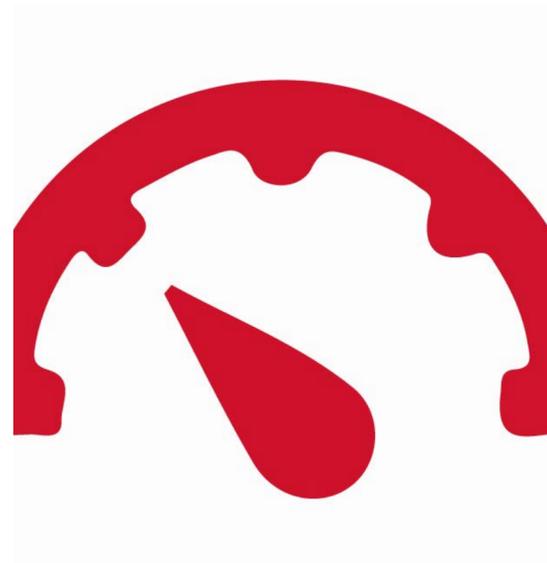
Format	Advantages
OCRed PDF Automatically extracted text	Improved scanned documents Better reading and text search
Tagged PDF Structured PDF for assistive technology	Improved structure for navigation Essential for screen readers
HTML For browser and mobile	Customise your text Adapts text to mobile screen sizes
ePub Reading on tablets and e-book readers	eBooks on tablets Annotating and highlighting
Electronic Braille BRF version for electronic braille displays	Read more quickly Essential for visual impairments
Audio MP3 recording of text	Listen and learn on the go Engage different modalities

Accessibility Indicators

Green is the Goal

Ally measures the accessibility of each file attached to your course and shows you at-a-glance how it scores.

Scores range from Low to Perfect. The higher the score the fewer the issues.



LOW

0-33%

File is not accessible and needs immediate attention



MEDIUM

34-66%

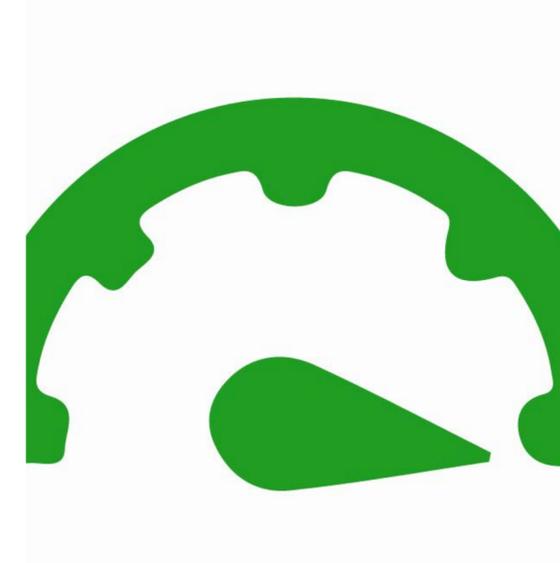
File is somewhat accessible and could use improvement



HIGH

67-99%

File is accessible but could be improved



PERFECT

100%

File is accessible. No improvement needed

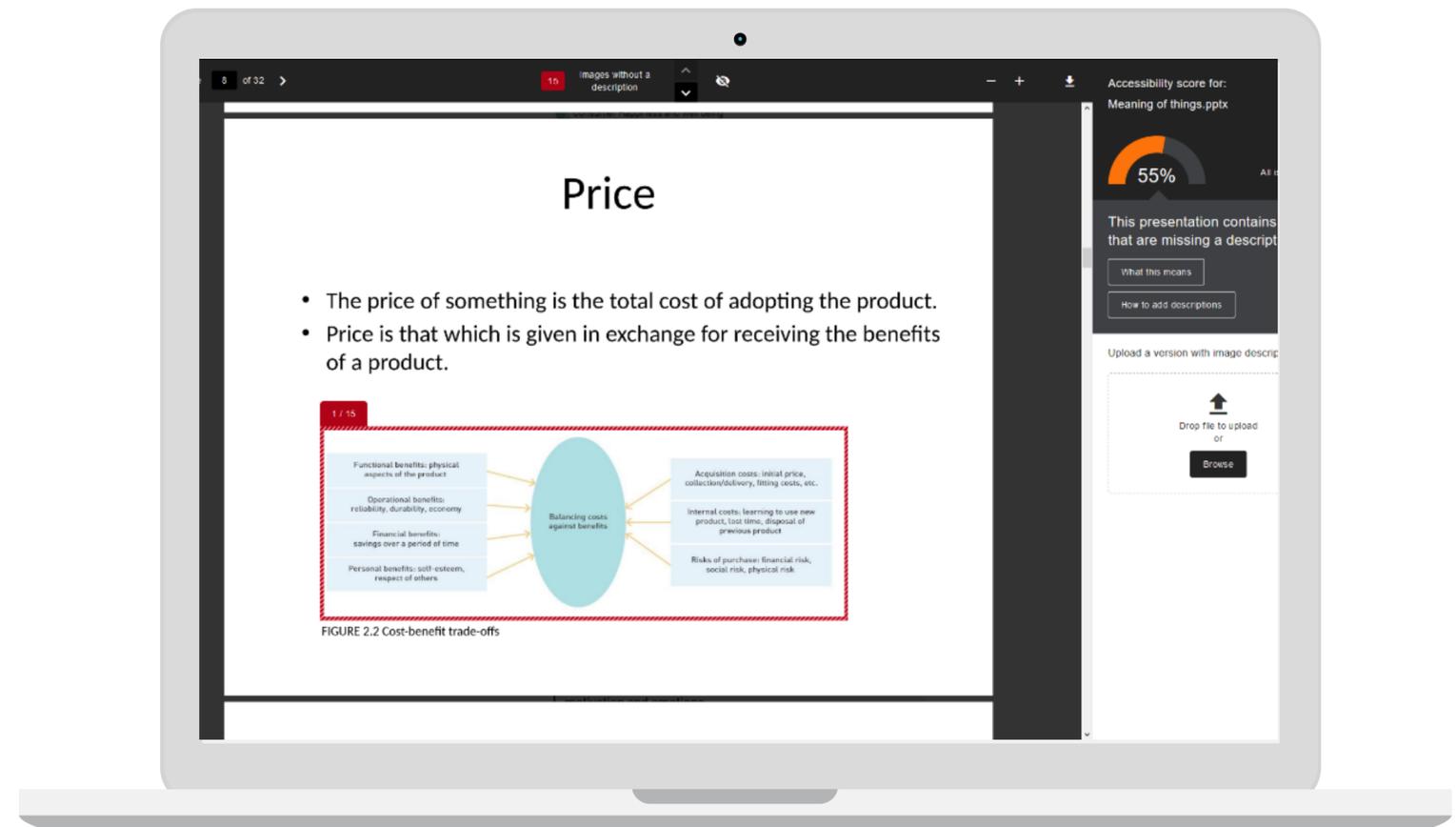
Instructor Feedback

Moodle: Ally

Not sure about how to identify and correct accessibility issues with your course content?
Not to worry. Ally provides you detailed feedback and support to help you become an accessibility pro.

ALLY INSTRUCTOR FEEDBACK

- Score shows level of accessibility
- View all the file's accessibility issues
- Description of the most important accessibility issue
- Explains how the issue affects inclusive learning
- Detailed steps how to fix the issue
- Add your changes in the dialogue box or upload new files



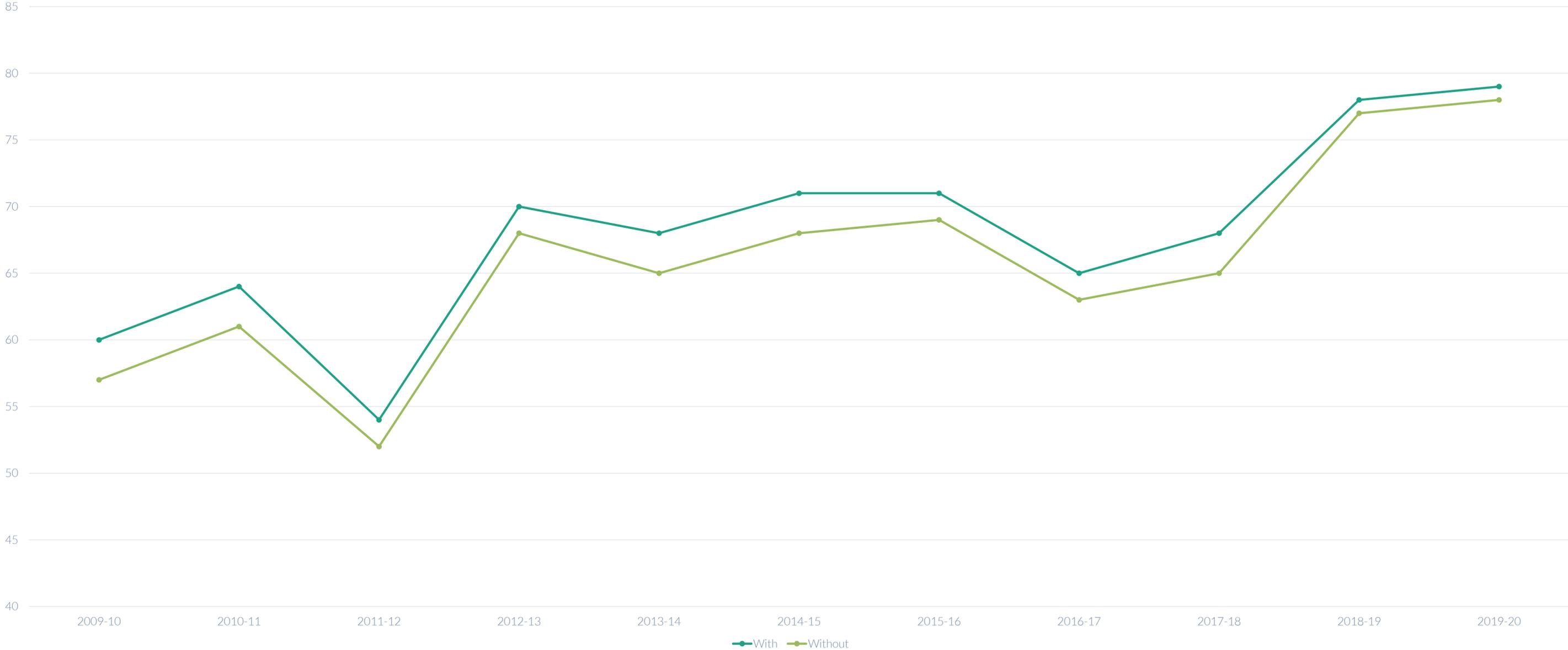
Moodle Accessibility

Where are we now?

Accessibility Score

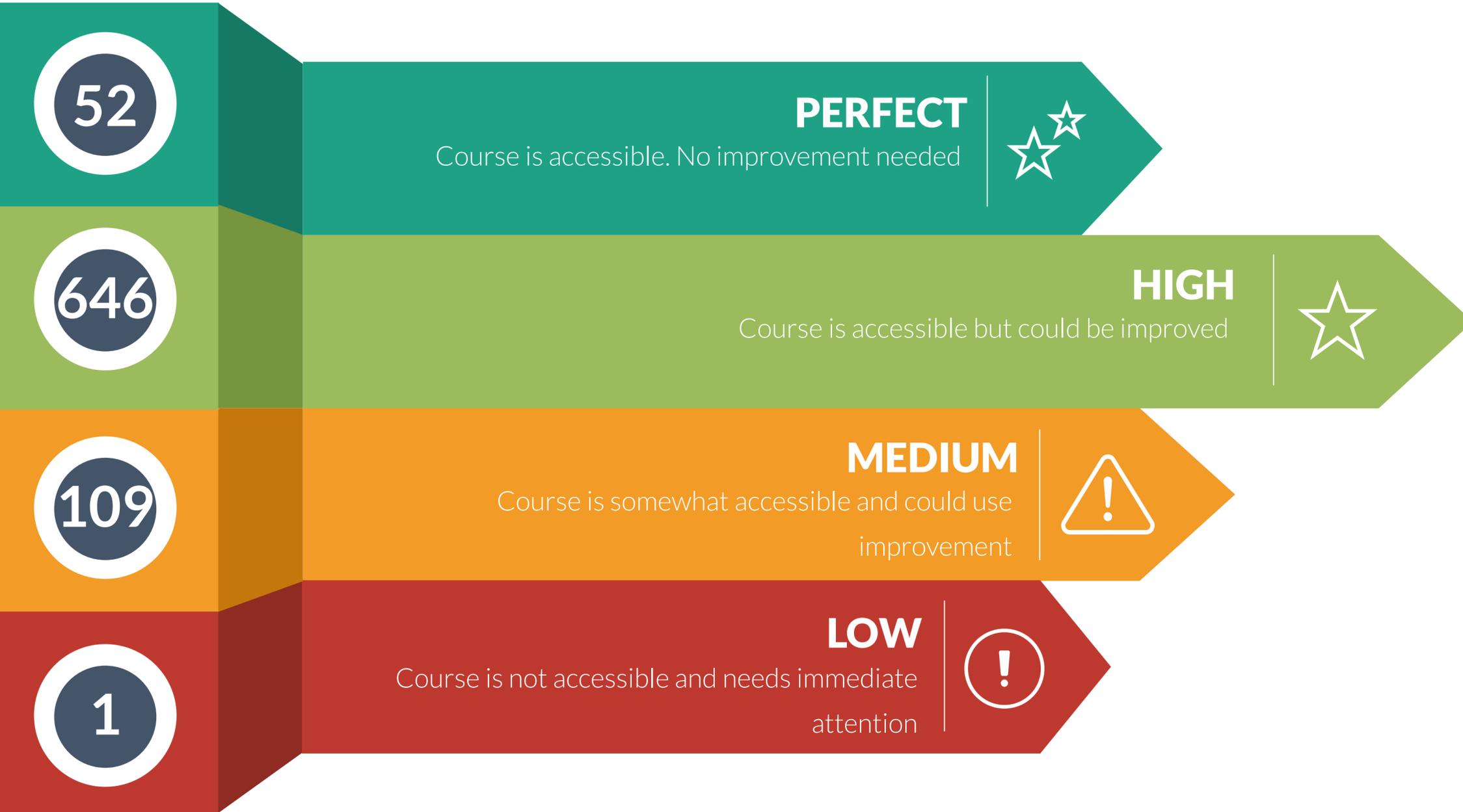
Current Overall Score 79%

This line graph shows the accessibility score for all Moodle course content over a select period of time. The report also compares the accessibility score of content **With** and **Without** Ally.



Course Accessibility

Course Summary Oct '19



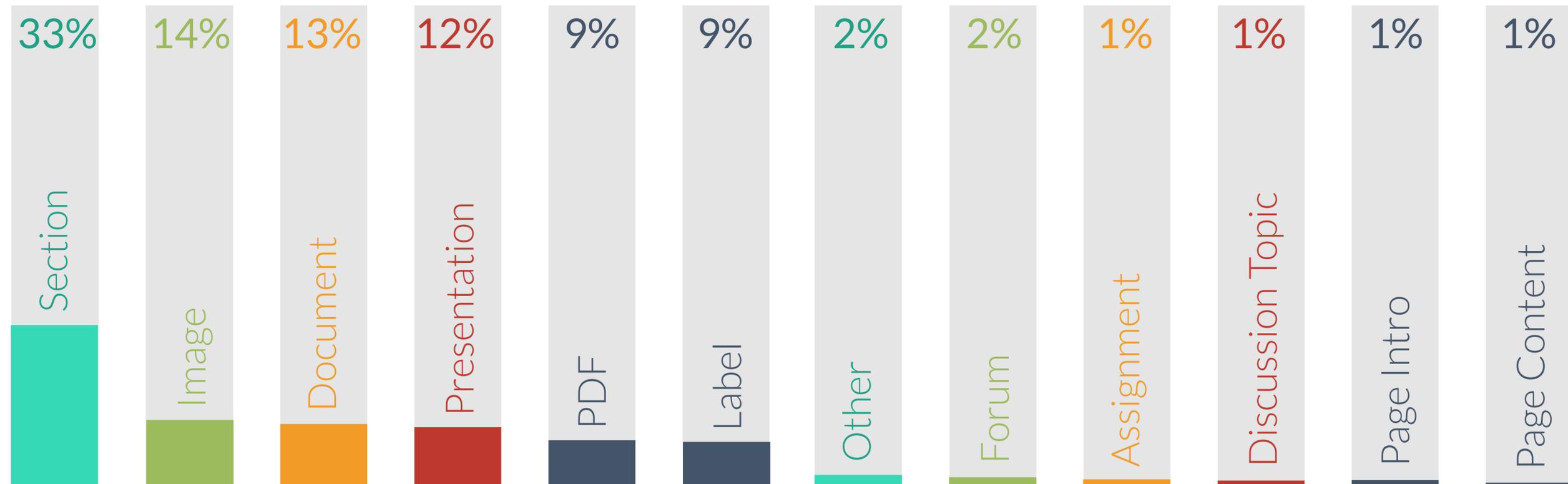
NOTES

Course Report manually filtered to leave only courses containing '2019-20' in course short code.

Further filtered to remove courses with 0 students, leaving 808 courses as of 08/10/19.

Courses & Content

Content Created 2019-20



The Content Created Report shows us the total number of new and updated content items.

Accessibility Issues

Top 5 Issues as of Oct '19

	Severity	Issue	Files Affected
1	Major	Image: The image does not have a description	7,466 / 7,877
2	Major	Document: The document has contrast issues	4,040 / 8,374
3	Major	Document: The document contains images without a description	3,264 / 8,374
4	Major	Document: The document has tables that don't have any headers	2,090 / 8,374
5	Major	Document: This document does not have any headings	1,634 / 8,374

SEVERE

These issues are the greatest risk to accessibility and require the most attention.



MAJOR

These issues impact accessibility, and while not severe, require attention.



MINOR

These issues should be considered for a better accessibility score.





Accessibility Awareness

Where to find help, information and advice

ACCESSIBILITY AWARENESS

The Accessibility Awareness survey was designed to help us become a more accessible and inclusive campus. To better align our support and resources, we wanted to learn more about academic staff accessibility experience and knowledge.

IMAGES



STYLES



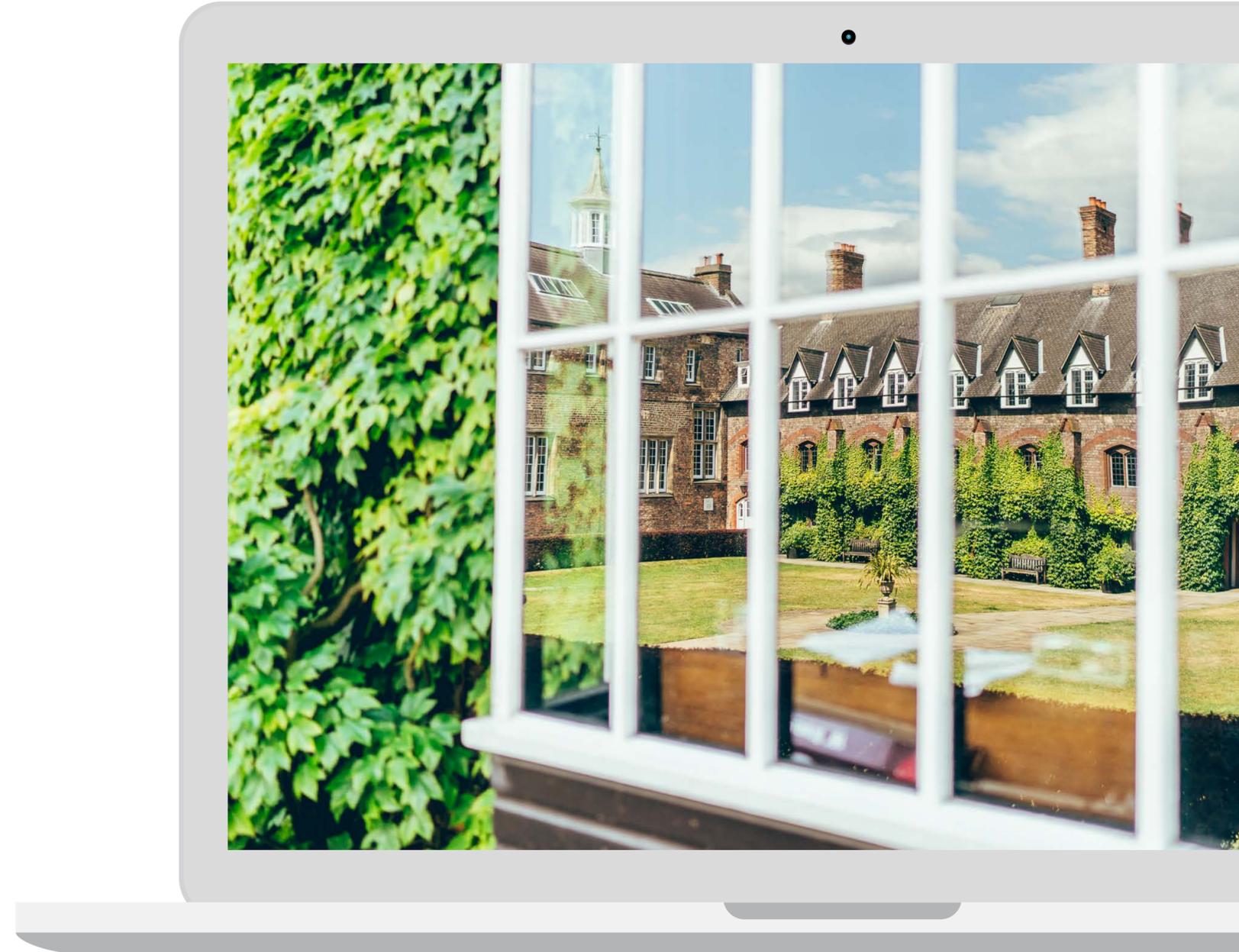
PDFs



CAPTIONS



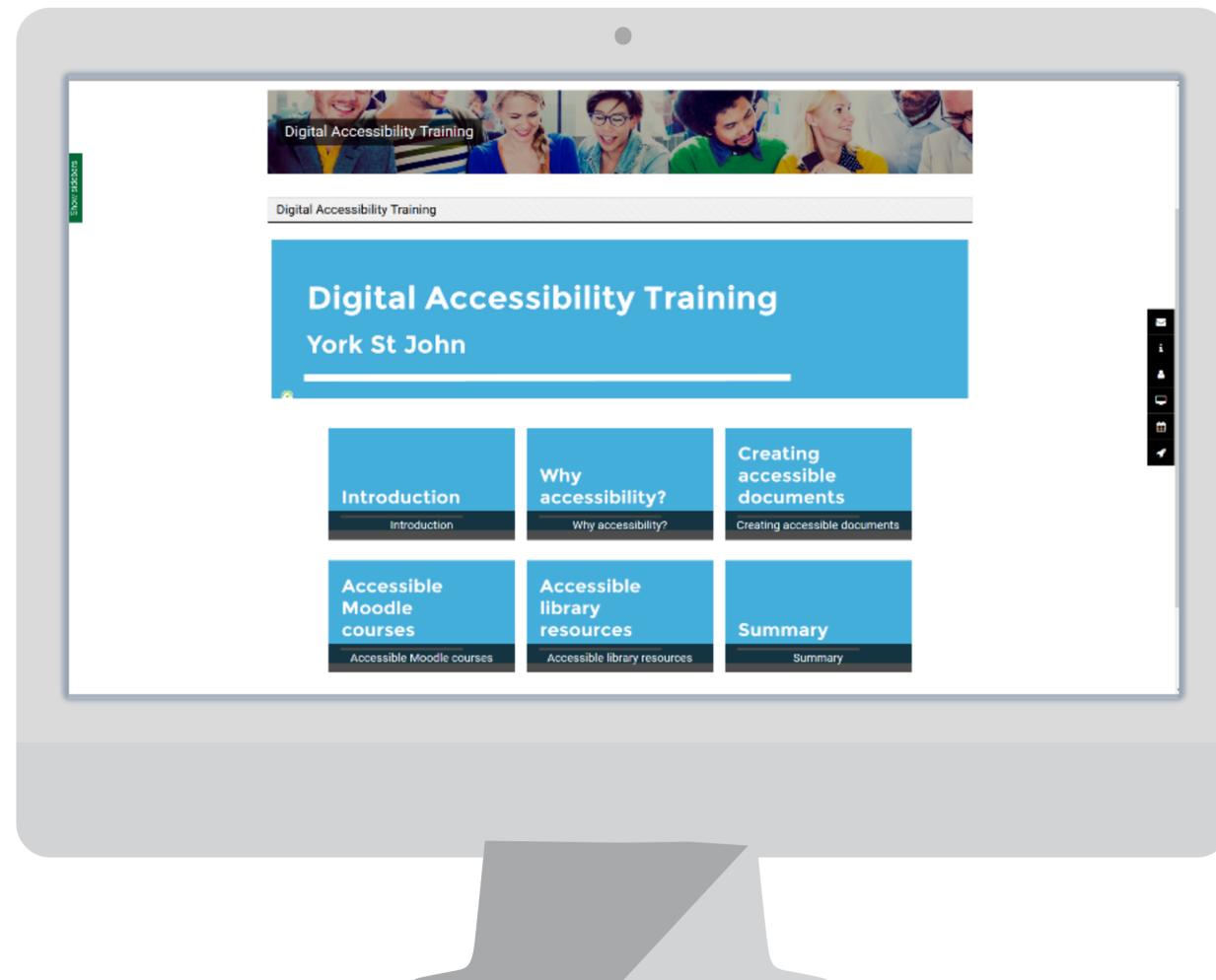
% of staff who 'weren't aware' or 'didn't know how'...



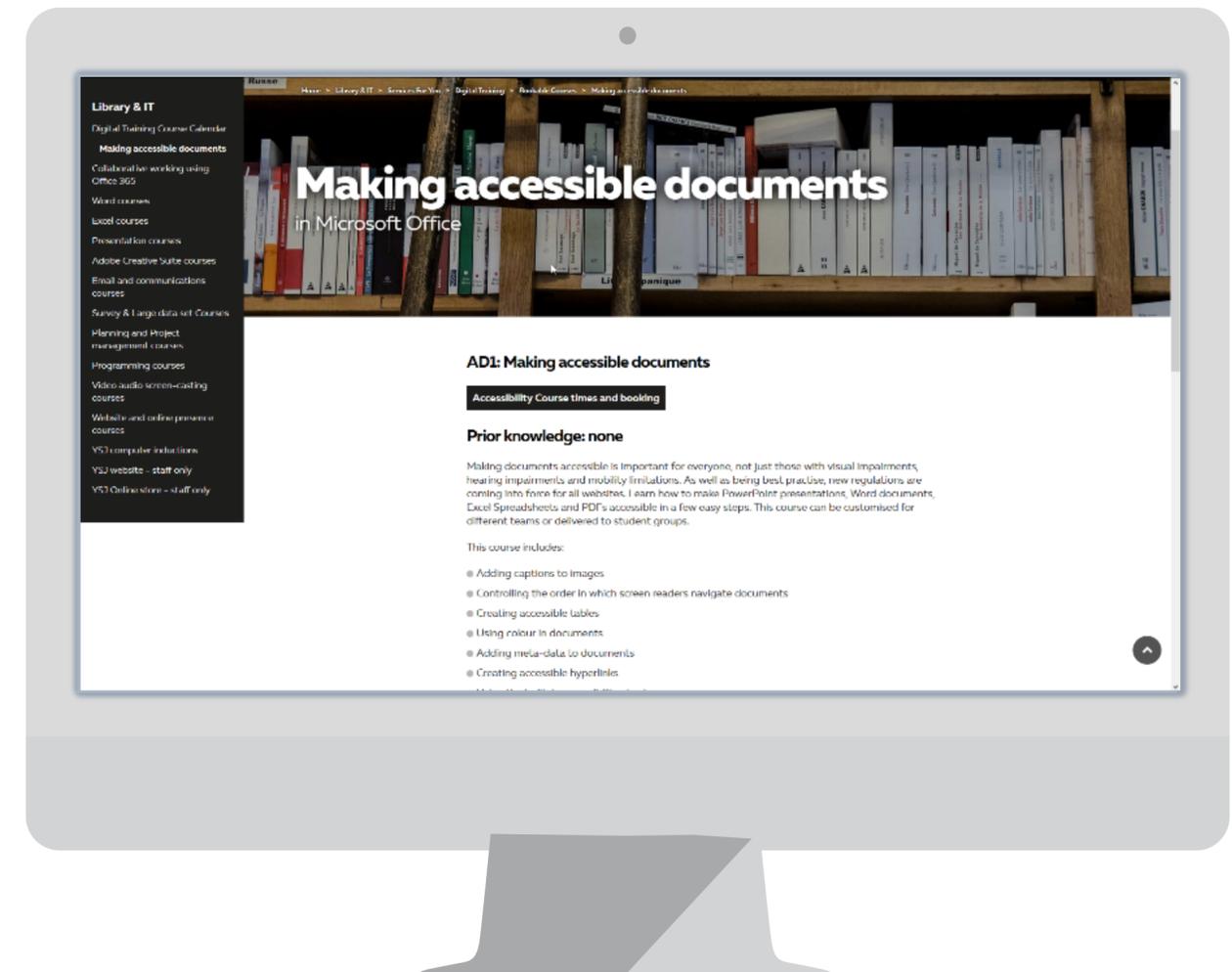
Digital Accessibility

Training & Support

'Accessibility' refers to principles and techniques to follow when designing, building, maintaining and updating websites and applications, in order to make them easy for people to use, especially people with disabilities. Online & Face-to-Face training is available...



[Digital Accessibility Training](#)



[Creating Accessible Documents](#)

Creating Accessible Documents

Digital Accessibility



Digital Capability

Digital Accessibility

The Digital Capability Discovery Tool is an empowering first step for staff and students to reflect on their digital capabilities and to identify current strengths and areas for development.

01

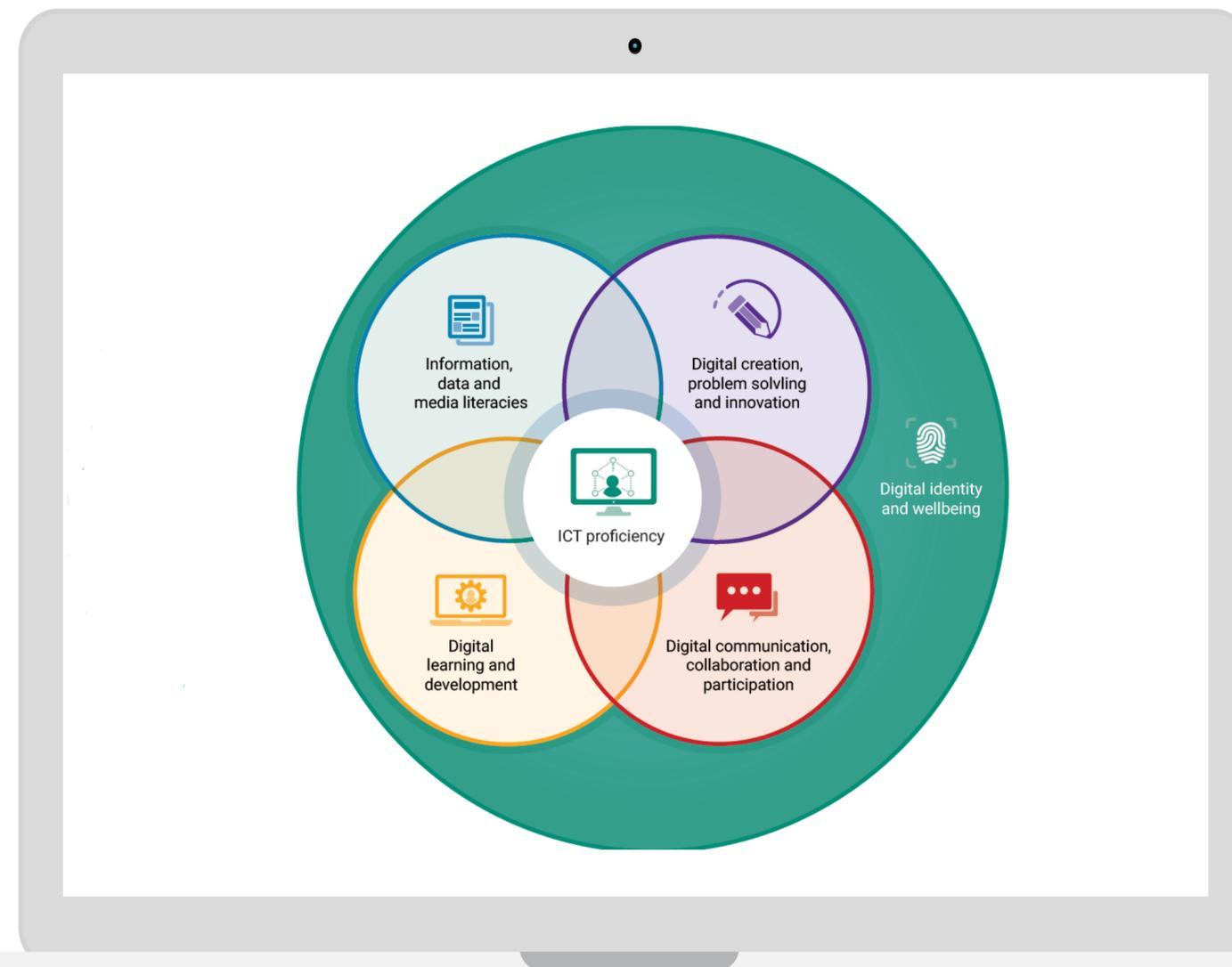
DISCOVERY TOOL

You can login at jisc.potential.ly using your YSJU username and password.

02

QUESTIONS

Once you have signed in, you will see the 'HE Teacher' and 'Explore Your Overall Digital Capabilities' question sets on your dashboard.



03

RESOURCES

The Discovery Tool provides links to a wide range of resources for each of the digital capability framework areas and for specific activities relating to the question sets.

04

REPORT

The report will help you to identify your strengths as well as opportunities for further development, and highlight resources that can help.



Timeline

Green is the Goal!

Timeline

Digital Accessibility

SEPTEMBER

2018

'The Public Sector Bodies (Websites and Mobile Applications) (No.2) Accessibility Regulations 2018' came into force.

JAN-APR

2019

YSJU Working Group was formed, 'Accessibility Awareness' survey carried out, online & face-to-face training was developed and made available, Ally implemented into Moodle.

SEPTEMBER

2019

All new or substantially revised VLE content to comply with the requirements of the regulations on publication.

DECEMBER

2019

Green is the Goal for all 2019-20 Moodle courses!



THANK YOU

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