



Dundee College

PADDI Project

(Portable Access Device and Development Initiative)

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Certain projects managed by Dundee College are supported by European funding. Dundee College is a charity registered in Scotland, No. SCO21188



Library Role in Support




- 📖 The Library's role is to create a welcoming and fully accessible environment that supports learning and teaching within the college.
- 📖 Curriculum for Excellence encourages cross departmental learning, especially in the key areas of Literacy, Numeracy and Health & Wellbeing.
- 📖 To support this, what additional services could we offer to help students with their learning?





Where was the need?

- 📖 Review of the Library service showed although we had a wide range of physical assistive technologies in place, we did not offer enough online applications to support students' learning.
- 📖 Research of the sector identified AccessApps. This is a ready made package of online applications that could be used and adapted to suit our students' needs.



What is the PADDI Project?

-  The PADDI project was set up as a collaboration between JISC Regional Support Centre (RSC) Scotland North & East and Dundee College Library.
-  Portable Access Device and Development Initiative
-  The aim was to develop a package of tools that would provide students with Library support materials and online applications to support their learning.

What is the PADDI Project?

-  Based on the RSC's pioneering work with AccessApps.
-  Funded through SLIC's Innovation and Development Fund.

What is AccessApps?

-  AccessApps is a collection of portable open source and freeware applications provided by the JISC (RSC), Scotland North & East.
-  The collection is designed to support learning; supplying students with tools which meet their individual needs.




What is AccessApps?

- 📖 It consists of over 60 Windows applications which run from a USB stick or online connection.
- 📖 AccessApps provides a range of solutions to support writing, reading and planning as well as sensory, cognitive and physical difficulties.





Project Aims


In partnership with JISC (RSC), Scotland N&E:

-  Deliver training to College Library and support staff
-  Develop and deliver a training programme for pilot curriculum staff and students.
-  Develop existing RSC support materials for Dundee College in-house use.


Project Aims

-  Source and identify a range of Library resources for inclusion.
-  Produce a package of branded tools designed to meet the needs of Dundee College students.

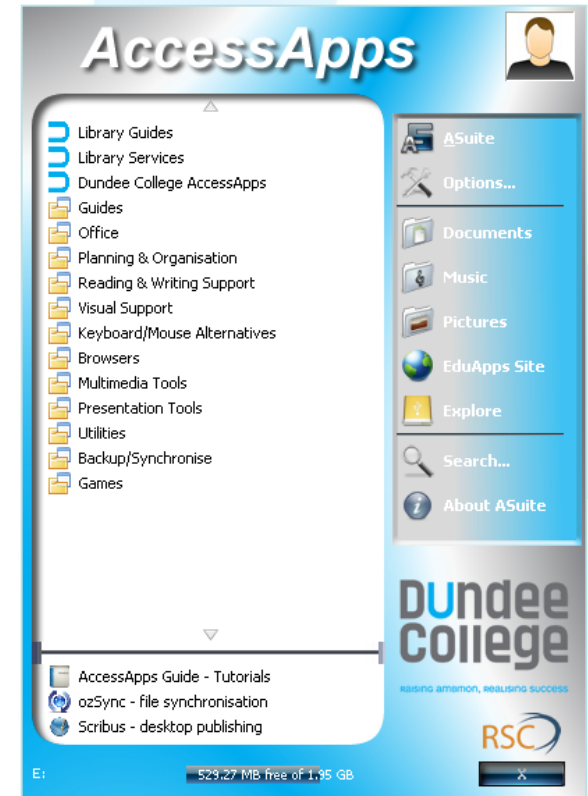
PADDI Roll Out

-  **August 2009:** Steering group formed to aid planning.
-  **August 2009:** Key Dundee College staff trained by JISC RSC to use the Apps.
-  **September 2009:** Three pilot groups identified to participate in the project: Care, Special Programmes and Hospitality.
-  **October 2009:** Training delivered to pilot curriculum staff.


PADDI Roll Out


 **November 2009:** The AccessApps package of tools and existing Library support materials were reviewed to determine which would best suit the needs of Dundee College students.

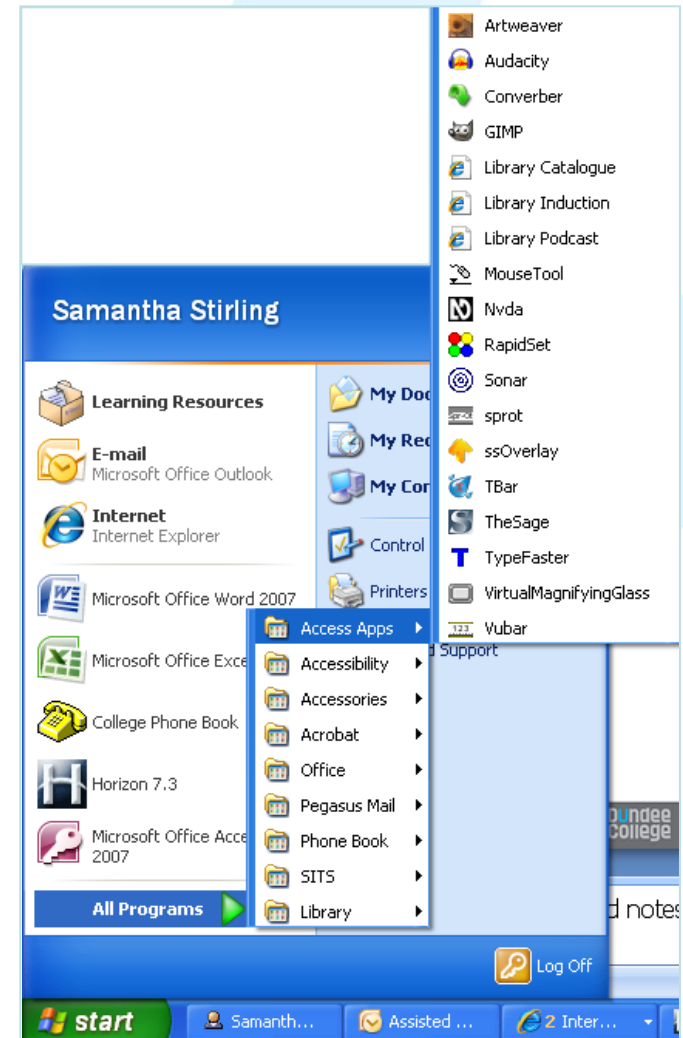
 **November 2009:** Branding was created and 200 Dundee College USB pens were produced by JISC RSC.



PADDI Roll Out

 **November 2009:** Due to local policy on network security, 15 key AccessApps applications, plus 3 essential Library links were added to the Dundee College network.

 **November 2009:** Student online questionnaire developed and added to Blackboard VLE.



PADDI Project Goes Live!

 **December 2009:** PADDI Project goes live.



Dundee College Student Training

- 📖 All students complete online questionnaire before training session.
- 📖 Pilot group students complete training in the Library. All receive USB pen to take home.
- 📖 Drop in sessions offered to all Dundee College students – hosted in all Libraries during December and January.



Dundee College Student Training

- 📖 Ad hoc training sessions carried out with students, if need identified.
- 📖 Demo session added to Library Induction.
- 📖 Additional training session built into SEN curriculum.
- 📖 Students encouraged to use applications when visiting the Library.



Dundee College Training and Support Materials


- 📖 Dundee College PADDI guides developed from existing JISC RSC training materials.
- 📖 Training site developed on College Blackboard VLE: Added to all staff and student accounts

The screenshot shows a Blackboard VLE announcement page for 'ACCESS APPS (NS0900067)'. The page has a left-hand navigation menu with buttons for 'Announcements', 'What is AccessApps', 'Staff Information', and 'Training Materials'. Below these are 'Tools' including 'Course Tools', 'Course Map', 'Control Panel', 'Refresh', and 'Detail View'. The main content area is titled 'Announcements' and features a large graphic with the text 'Access Apps' and a date range 'October 25, 2010 - November 01, 2010'. At the bottom of the main area are buttons for 'VIEW TODAY', 'VIEW LAST 7 DAYS', 'VIEW LAST 30 DAYS', and 'VIEW ALL'.

The screenshot shows a training page for 'Accessing AccessApps Outside College using a USB Pen'. The page header includes logos for 'Scottish Library & Information Council', 'JISC TechDis', 'AccessApps', 'RSC', and 'Dundee College'. The main text provides instructions: 'To get started with the AccessApps USB stick, follow the steps below: Locate a free USB slot on your laptop - please note that the USB should not be used on College network machines - and insert the AccessApps USB pen. If a dialogue box appears when you insert the stick for the first time, asking whether you would like to re-start your computer, click No. Wait a few seconds until the AccessApps menu appears. If it does not open automatically, you will need to start the application manually. To do this, follow the steps shown below.' A small inset image shows the 'AccessApps' menu on a computer screen.

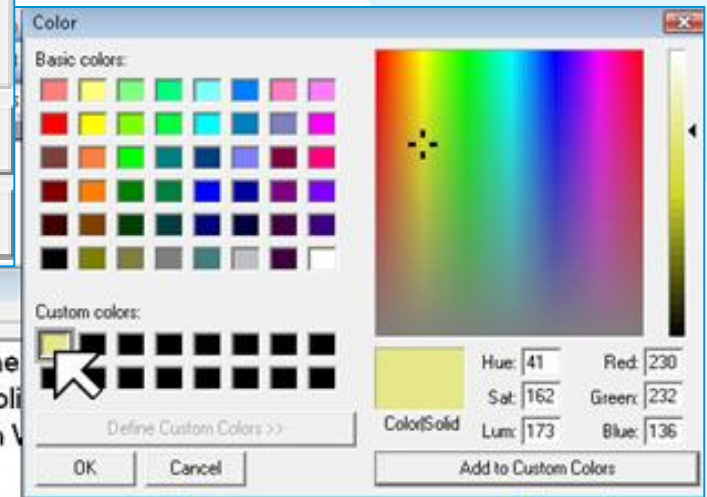
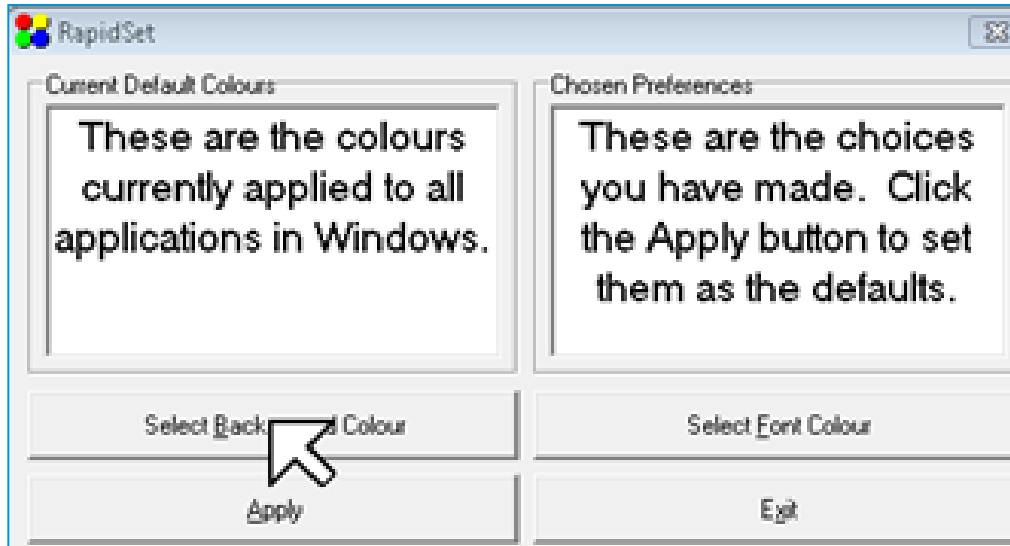
Library Support Materials

 Library User Guide, Library Induction and Library Podcast available on USB pens and network.

 Basic information on how to use applications added to the main Library User Guide.

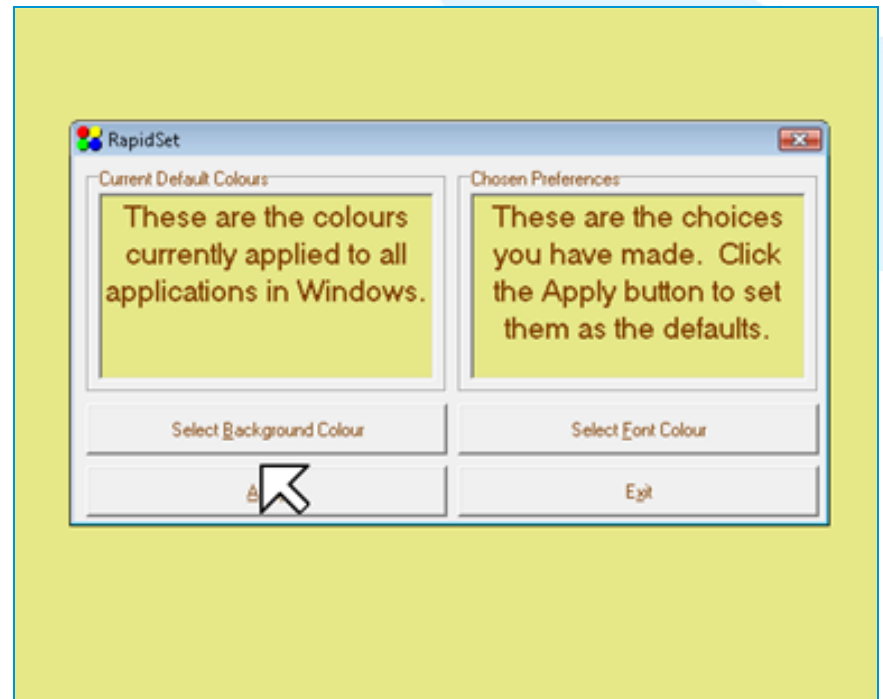
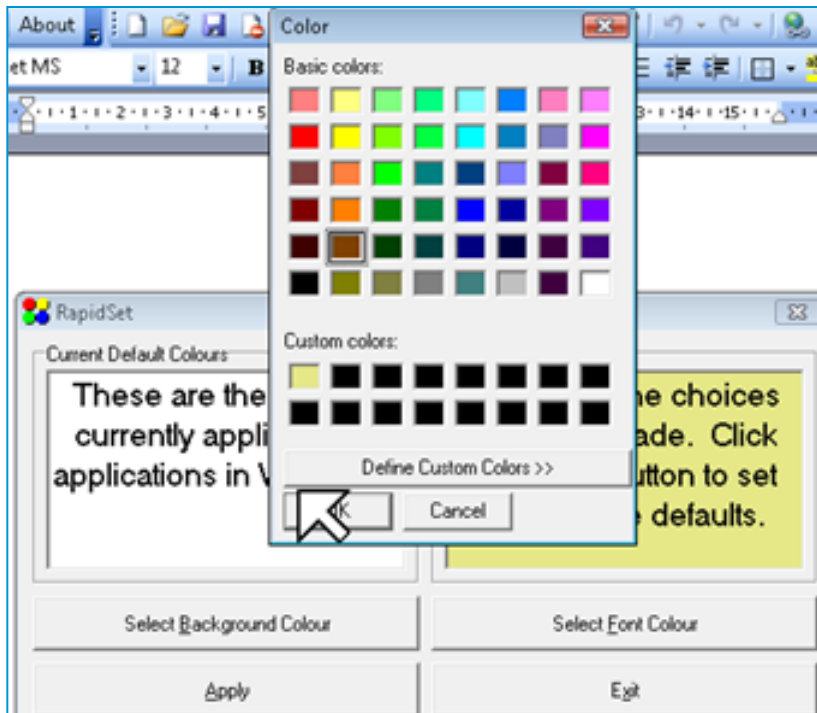


RapidSet Demo



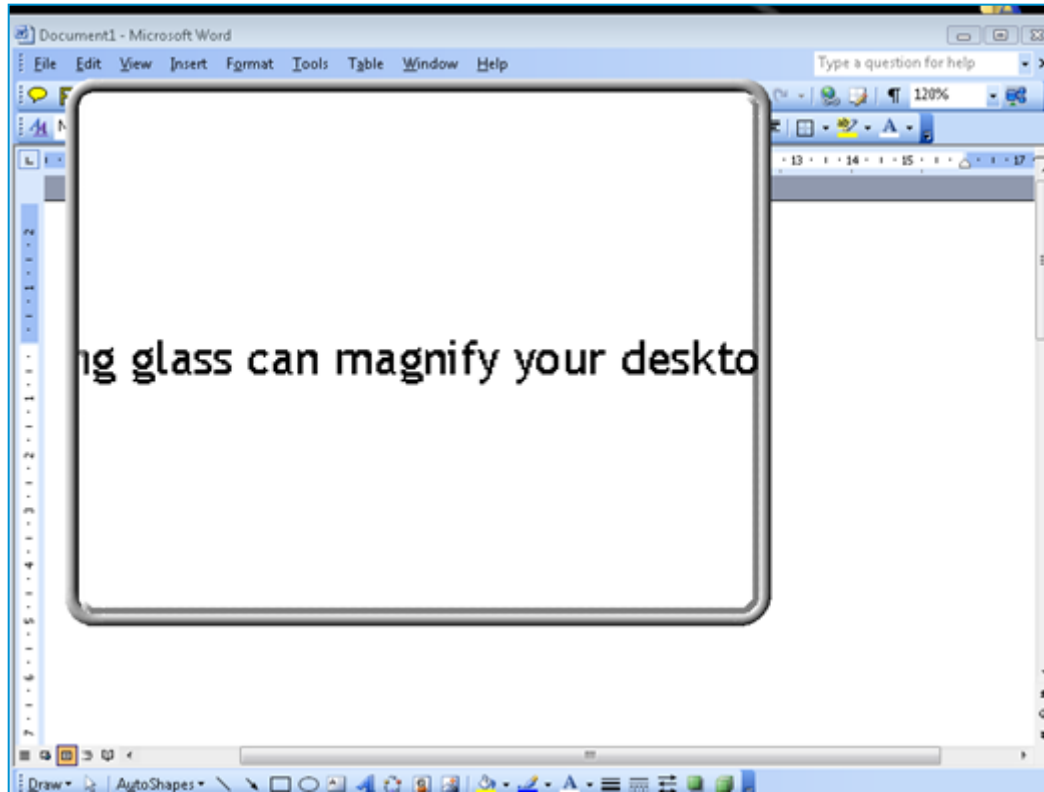
RapidSet Tutorial

RapidSet Demo

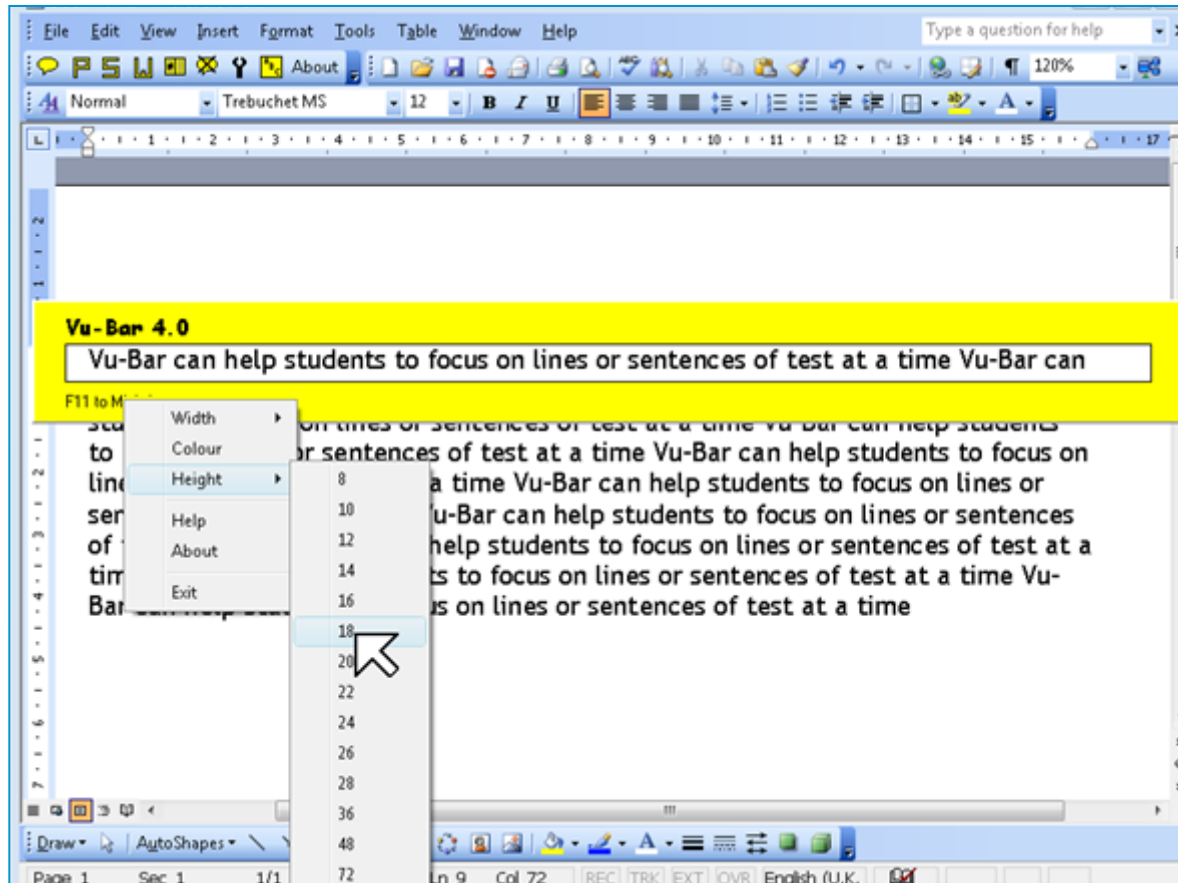


Virtual Magnifying Glass Demo

Virtual Magnifying Glass Tutorial






VuBar Demo



[VuBar Tutorial](#)

Gathering Data

-  All students completed an online questionnaire during their initial training session and at the end of the project.
-  Focus groups held with the three pilot groups mid-way through the project.
-  One to one interviews undertaken with key students.

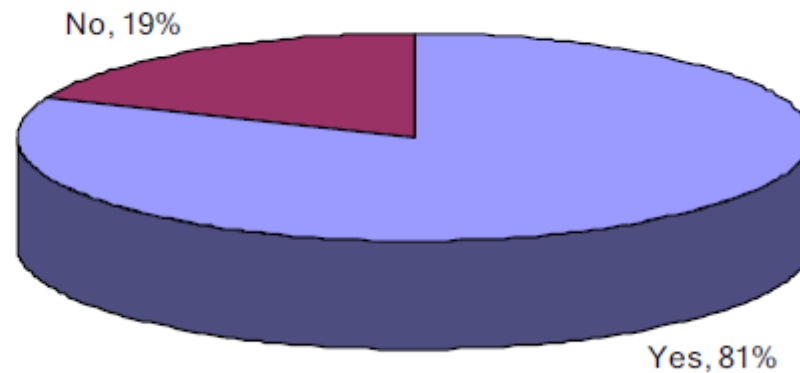
Project Evaluation: Have we helped?

The short answer is yes, with 80% of students indicating that they felt this project had helped them with their studies.



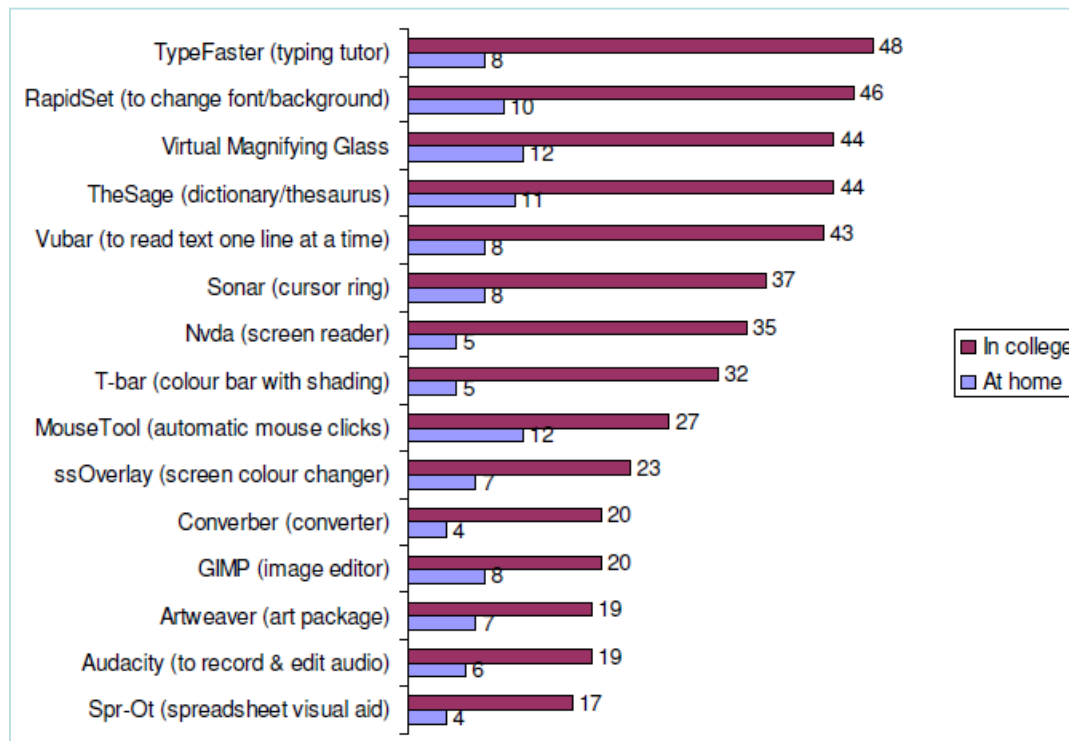
Overall Usage

The majority of students (81%) indicated that they had used AccessApps/Library Info after their initial training session.



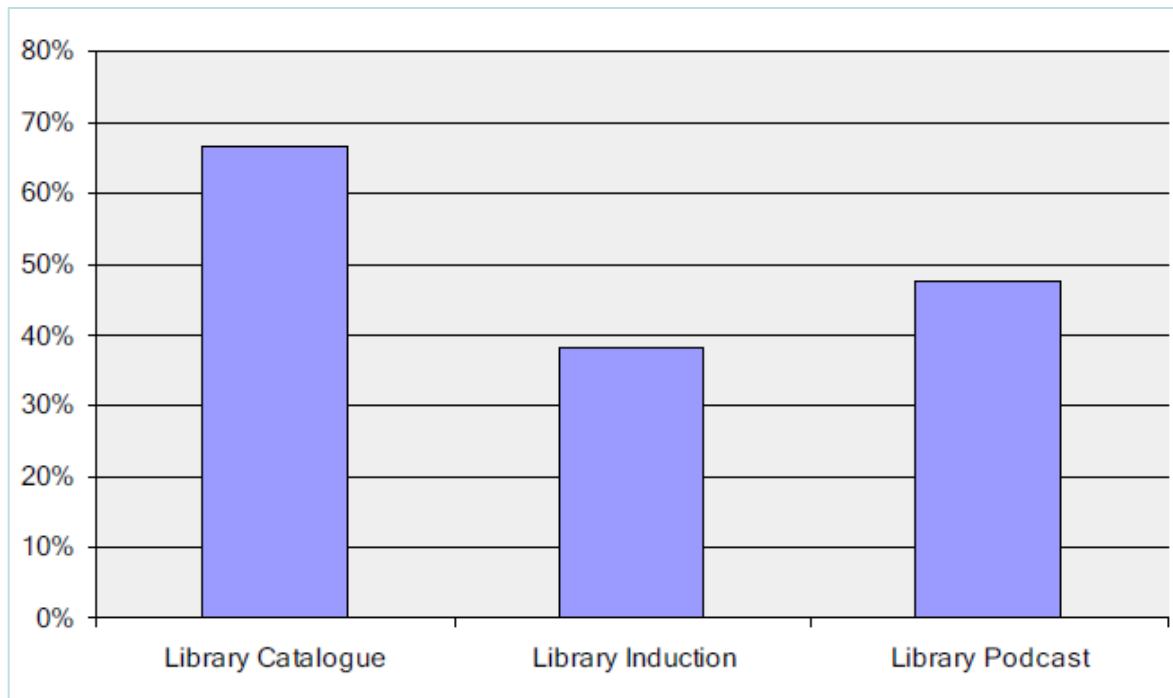
Use of Specific Apps

The students made use of a wide range of Apps, with TypeFaster, RapidSet, Virtual Magnifying Glass and The Sage the most popular.



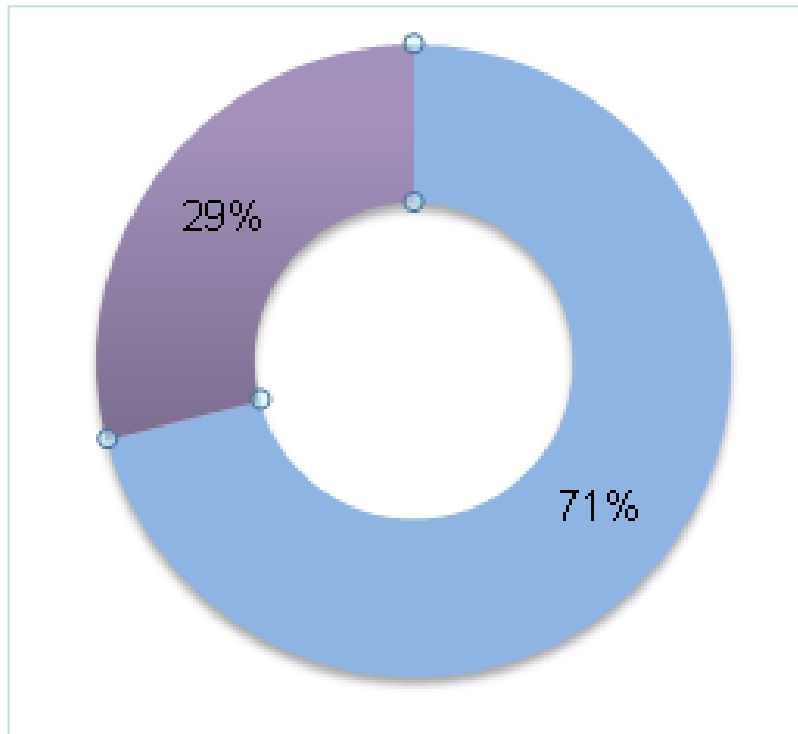
Use of Library Resources

Over 50% of students had navigated to Library Resources from the USB pen or network links.



Use of Support Materials

71% of the students used the support guides on the Blackboard VLE.

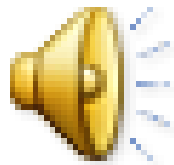


How the PADDI Project has Met the Needs of Individual Students

-  Case Study 1: Dyslexic Beauty Therapy Student.
-  Approached by a member of the Library staff as she was wearing green tinted glasses when using a PC. Staff indentified she may benefit from the PADDI project apps.
-  Completed training session in the Library and received USB pen.

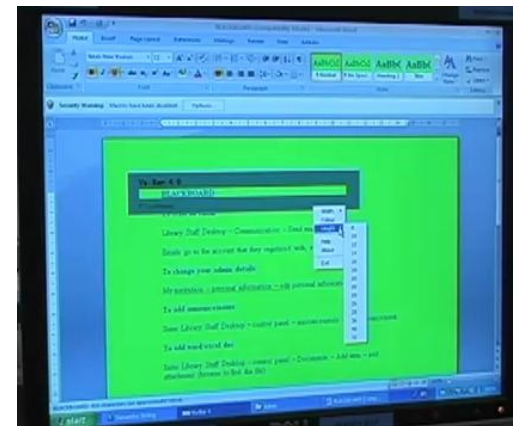
How the PADDI Project has Met the Needs of Individual Students

- 📖 Used RapidSet, TypeFaster and TheSage to help with her studies both at home and in College.
- 📖 Showed classmates how to access PADDI project apps via the College network.
- 📖 Used training guides and videos on Blackboard.






How the PADDI Project has Met the Needs of Individual Students

- 📖 Case Study 2: Hairdressing Student.
- 📖 Asked if would like to receive PADDI apps training after asking if she could have green paper to photocopy her course notes.
- 📖 Completed training session and received USB for use on her laptop.

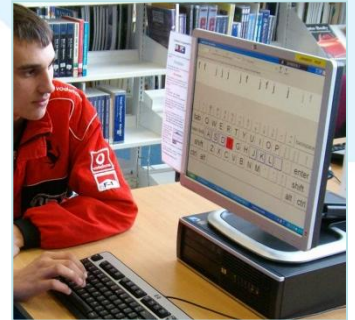


How the PADDI Project has Met the Needs of Individual Students




-  Used RapidSet to modify course materials in Blackboard VLE during class time and in Library.
-  Reduced the need to photocopy course notes.
-  Felt supported by the Library staff.

How the PADDI Project has Met the Needs of Individual Students




- 📖 Case Study 3: SEN Student with poor literacy skills.
- 📖 Received training and USB as part of the SEN pilot group.
- 📖 Asked for additional training/help when visiting the Library.








How the PADDI Project has Met the Needs of Individuals Students

-  Used VuBar, TypeFaster and Virtual Magnifying Glass on College machines.
-  Helped improve his typing, reading and spelling skills.
-  Gained confidence in using Library resources and encouraged fellow students to visit and borrow books. Feels he belongs in the Library.

More Feedback

-  Excellent initiative!
-  It helps a lot, it makes a big difference.
-  I wish all these programs had been around when I was young. It would have made my learning so much easier.

Taking it forward

-  Added to all College networked machines.
-  Key part of Library Induction.
-  Part of College's CPD Program.
-  All students and staff enrolled on Blackboard VLE support course.
-  Additional support materials reviewed and added to Library webpages.

Questions?

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Full Project Report and Evaluation

Click [here](#) to access the PADDI project final report.

Click [here](#) to access the PADDI project evaluation.

To download AccessApps click [here](#).