

## Disability and Accessible curricula resource list

### Articles and Case Studies

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Duarte M and Butz BP (2001) **The virtual laboratory for the disabled**. 31st ASEE/IEEE Frontiers in education conference Session S1C. Available to download from: <http://fie.engrng.pitt.edu/fie2001/>

Eathorpe V and Wright DJ (2003) **The disability discrimination act 1995. A workbook to support a training workshop**. Available to download from: [www.health.heacademy.ac.uk/Members/frank/News\\_Item.2004-01-27.3511](http://www.health.heacademy.ac.uk/Members/frank/News_Item.2004-01-27.3511)

Wrightson I et al (2004) **Royal Society of Chemistry Environment, health and safety committee note on Disabled workers in laboratories**.  
[www.rsc.org/pdf/ehsc/disabled.pdf](http://www.rsc.org/pdf/ehsc/disabled.pdf)

#### **New Legislation, New Opportunities - Implementing the new disability legislation.**

Event organised by the Subject Centres for Engineering, Bioscience, GEES, Physical Sciences, Materials Built Environment, report and presentations available at:  
[www.engsc.ac.uk/nef/events/disability\\_report.asp](http://www.engsc.ac.uk/nef/events/disability_report.asp)

#### **HEAT (Higher Education Assistive Technology) projects**

Funded by TechDis the HEAT projects looked at improving accessibility to learning and teaching with a small amount of funding, over 80 projects have been funded and case studies from rounds 1 and 2 are available  
[www.techdis.ac.uk/getheatscheme](http://www.techdis.ac.uk/getheatscheme)

Summary of the bioscience-based projects from rounds 1 and 2 is available from  
[www.bioscience.heacademy.ac.uk/resources/disability/heatprojects.aspx](http://www.bioscience.heacademy.ac.uk/resources/disability/heatprojects.aspx)

#### **Accessibility of Laboratory Practicals, Field Trips and Work Placements Phil Gravestock**

Bullet-point guide to improving accessibility  
[www.bioscience.heacademy.ac.uk/ftp/resources/disability/accessiblelabandfield.pdf](http://www.bioscience.heacademy.ac.uk/ftp/resources/disability/accessiblelabandfield.pdf)

#### **Inclusive Practice e-bulletins**

From the Psychology Subject Centre these bulletins aim to give guidance on developing a more inclusive curriculum, covering areas such as assessment, teaching practice and technology  
[www.psychology.heacademy.ac.uk/networks/sig/index.asp](http://www.psychology.heacademy.ac.uk/networks/sig/index.asp)

### Publications

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#### **Access all areas: disability, technology and learning.**

Phipps L, Sutherland A and Seale J (eds) (2002) ALT (Association for Learning Technology), JISC and TechDis. ISBN 1-904190-18-9. Download from:  
[www.techdis.ac.uk/resources/files/AAA.pdf](http://www.techdis.ac.uk/resources/files/AAA.pdf)

#### **TechDis Accessibility Essentials**

A series of four guides which bring together practical, easy to make changes to make electronic documents more accessible,

- Making electronic documents more readable
- Writing Accessible electronic documents with Microsoft Word
- Creating Accessible presentations
- Making the most of pdfs

[www.techdis.ac.uk/index.php?p=3\\_20](http://www.techdis.ac.uk/index.php?p=3_20)

## Short Guide: Supporting Inclusive Learning and teaching in the Biosciences

Produced by the Centre this guide gives hints, tips and ideas on making teaching practices more inclusive. Copies can be downloaded in pdf format or ordered from [www.bioscience.heacademy.ac.uk/resources/shortguides.aspx](http://www.bioscience.heacademy.ac.uk/resources/shortguides.aspx)



## Embedding success: enhancing the learning experience for disabled students

Embedding success brings together case studies of disability projects funded by Hefce [www.heacademy.ac.uk/assets/York/documents/resources/resourcedatabase/id594\\_embedding\\_success.pdf](http://www.heacademy.ac.uk/assets/York/documents/resources/resourcedatabase/id594_embedding_success.pdf)

## Disability Legislation: a practical guide for academic staff

Produced by the Higher Education Academy and the Equality Challenge Unit [www.ecu.ac.uk/publications/disability-legislation-for-academics](http://www.ecu.ac.uk/publications/disability-legislation-for-academics)

## Accessible Curricula. Good practice for all

Doyle C and Robson K (Ball S and Campy D eds) (2002) Produced by UWIC (University of Wales Institute Cardiff), LTSN Generic Centre and TechDis. UWIC Press ISBN 1-902724-53-4. Available to download from: [www.techdis.ac.uk/resources/files/curricula.pdf](http://www.techdis.ac.uk/resources/files/curricula.pdf)

## Special Educational Needs and Disabilities – learning and teaching guidance for Geography, Earth and Environmental Sciences

Special edition of Planet – the newsletter for the Geography Earth and Environmental Sciences Subject Centre April 2002. ISSN 1473-1835. Available to download from: [www.gees.ac.uk/pubs/planet/index.htm#PSE3](http://www.gees.ac.uk/pubs/planet/index.htm#PSE3)

## Equal opportunities and the curriculum.

Talbot C (1999) SEDA special no. 9 ISBN 1-902435-08-7. Can be ordered from: [www.seda.ac.uk/pubs/sed\\_specials.htm](http://www.seda.ac.uk/pubs/sed_specials.htm)

## A Briefing on assessing disabled students

McCarthy D and Hurst A (2001). LTSN Generic Centre Assessment series no.8. ISBN 1-904190-09X. Available to download from: [www.bioscience.heacademy.ac.uk/ftp/resources/disability/assessingdisabledstudents.pdf](http://www.bioscience.heacademy.ac.uk/ftp/resources/disability/assessingdisabledstudents.pdf)

## Deaf students in higher education – how inclusive are you? Giving deaf and hard of hearing students a head start.

A self assessment tool produced by RNID. Available to download from: [www.rnid.org.uk/information\\_resources/education/professionals/higher\\_education/](http://www.rnid.org.uk/information_resources/education/professionals/higher_education/)

## Into work series by Skill (National Bureau for students with disabilities)

A series of guides covering a variety of careers and work experience, highlighting positive experiences of disabled students. Available to order from the Skill online bookshop. [www.skill.org.uk/](http://www.skill.org.uk/)

## Engineering Subject Centre Guide: working with disabled students

A resource guide for departments and institutions which covers all aspects of accessibility from the student application process through teaching and learning to evaluation and assessment. [www.engsc.ac.uk/downloads/resources/disguide2ed.pdf](http://www.engsc.ac.uk/downloads/resources/disguide2ed.pdf)

## Projects

### Geography Discipline Network (GDN) – Inclusive Curriculum Project

A wide range of resources and information, including a set of curriculum guides and case studies on making the geography curriculum more accessible to all. Although focussed on the geographical sciences there are many lessons applicable to the biosciences

[www2.glos.ac.uk/gdn/icp/index.htm](http://www2.glos.ac.uk/gdn/icp/index.htm)

### The GDN also produced **Learning Support for Disabled Students Undertaking Fieldwork and Related Activities**

Providing learning support for:

- **Disabled Students** Healey M, Jenkins A, Leach J & Roberts C.
- **Students with Mobility Impairments**, Gardiner V & Anwar N.
- **Blind or Visually Impaired Students** Shepherd I.
- **d/Deaf or Hearing Impaired Students** Wareham T, Clark G & Laugesen C.
- **Students with Mental Health Difficulties** Birnie J and Grant A.
- **Students with Hidden Disabilities and Dyslexia** Chalkley B and Waterfield J.

Available to download from: [www2.glos.ac.uk/gdn/disabil/index.htm](http://www2.glos.ac.uk/gdn/disabil/index.htm)

### **Teachability Project: Creating and accessible curriculum for students with disabilities.**

Funded by the Scottish Higher Education Funding Council (Lead Institution – The University of Strathclyde) (2000). [www.teachability.strath.ac.uk/](http://www.teachability.strath.ac.uk/)

### **SWANDS project**

Produced "An audit and guidance tool for accessible practice within the framework of teaching and learning"  
[www.plymouth.ac.uk/pages/view.asp?page=3243](http://www.plymouth.ac.uk/pages/view.asp?page=3243)

### **DEMOS**

Online materials to improve the awareness of disabilities among staff

<http://jarmin.com/demos/index.html>

### **Same but different**

A film-based project which comprises a series of scenes of film sketches showing aspects of student life and ways in which staff respond to different situations, together with a workbook which includes discussion points and further resources. The project aims to promote good practice in and support staff working with student diversity

[www.coventry.ac.uk/samebutdifferent/](http://www.coventry.ac.uk/samebutdifferent/)

## Software and online learning packages

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### **TechDis Staff Packs – Self-Supporting Development Activities from TechDis**

A series of self-supporting staff development packs containing easily adaptable resources designed for use within staff development courses or processes. Each module is self-standing and can either be delivered as a session independently or adapted into a wider staff development programme. Packs available:

- Accessible e-Learning
- Benevolent Bill – What Microsoft Does for Accessibility
- Checking the Accessibility of your e-Resources
- Dyslexia and the use of Assistive Technology
- e-Assessment
- Introduction to Assistive Technology
- Introduction to Web Accessibility

Available as a CD, or on-line at [www.techdis.ac.uk/index.php?p=3\\_3](http://www.techdis.ac.uk/index.php?p=3_3)

### **AccessApps**

A range of portable open source and freeware assistive applications that can be downloaded and carried on a memory stick. The applications do not need to be installed on a computer and provide a range of e-learning solutions to support writing, reading and planning as well as visual and mobility difficulties.

[www.rsc-ne-scotland.ac.uk/accessapps/](http://www.rsc-ne-scotland.ac.uk/accessapps/)

## Websites

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### **JISC TechDis**

"TechDis aims to enhance provision for disabled students and staff in higher, further and specialist education and adult and community learning, through the use of technology.

[www.techdis.ac.uk/](http://www.techdis.ac.uk/)



### **Centre for Bioscience Accessibility and Disability pages**

Bring together information and resources on accessibility and disability with a focus on the biosciences

[www.bioscience.heacademy.ac.uk/resources/disability/](http://www.bioscience.heacademy.ac.uk/resources/disability/)

### **National Centre for Tactile Diagrams**

Produce materials, learning and teaching methods and technology for blind and visually impaired students.

[www.nctd.org.uk/](http://www.nctd.org.uk/)

### **Premia Resource Base**

Database of resources intended to "make the research environment more accessible to disabled Post Graduate Research students".

[www.premia.ac.uk](http://www.premia.ac.uk)

### **Science Signs**

An online glossary of scientific terms and BSL (British sign language)

[www.sciencesigns.ac.uk/](http://www.sciencesigns.ac.uk/)

### **BRAINHE**

A resource to help students with SpLDs (specific learning differences) and staff working with them. SpLDs include AD(H)D, Asperger's, autism, dyscalculia, dysgraphia, dyslexia and dyspraxia.

[www.brainhe.com/](http://www.brainhe.com/)

### **Database of online teaching and learning resources for disabled students from the Open University**

[/www5.open.ac.uk/cehep/mapping\\_project/search.html](http://www5.open.ac.uk/cehep/mapping_project/search.html)

### **Equality Challenge Unit**

Equality Challenge Unit supports the higher education sector in its mission to realise the potential of all staff and students whatever their race, gender, disability, sexual orientation, religion and belief or age, to the benefit of those individuals, higher education institutions and society.

[www.ecu.ac.uk](http://www.ecu.ac.uk)

### **Action on Access**

Action on Access is the national co-ordination team for widening participation in higher education. The team work with institutions and partnerships, providing advice, information and support to their widening participation activities, strategies and plans.

[www.actiononaccess.org/](http://www.actiononaccess.org/)

### **Lexdis**

A forum for disabled students to discuss their coping strategies with e-learning, could be useful for teaching staff using e-learning to support course design or as a resource to pass onto students.

[www.lexdis.ecs.soton.ac.uk/](http://www.lexdis.ecs.soton.ac.uk/)

### **Excellence Gateway**

Brings together hints and tips to support students who, for example, have difficulties handling and manipulating or difficulties hearing and seeing. Although mainly aimed at FE practitioners, there is still much of interest for HE. The resource isn't prescriptive, but aims to get course and module designers thinking about how they could make adjustments or improve accessibility.

<http://excellence.gia.org.uk/page.aspx?o=jisctechdis>

The Disability and Accessible curricula resource list developed by the team at the UK Centre for Bioscience, University of Leeds is licensed under a [Creative Commons Attribution-NonCommercial-ShareAlike 3.0 Unported License](https://creativecommons.org/licenses/by-nc-sa/3.0/).

Based on a work at [www.bioscience.heacademy.ac.uk](http://www.bioscience.heacademy.ac.uk).

