



Welsh Government

Learning in Digital Wales update

24 October 2016

Learning in Digital Wales work streams

- Hwb (the National Digital Content Repository), Hwb Networks, Playlists, Hwb Community, third party tools and content
- Hwb+ (the all-Wales learning platform)
- Hwb+ Centres of Excellence Programme
- Hwb+ public-facing websites
- Microsoft Office 365
- e-Safety including web filtering standards and information governance
- Additional consortia funding to support the implementation of Hwb+ and the extension for Hwb+ Centres of Excellence
- Computing workshops for secondary schools
- Events including HwbMeets
- National Digital Learning Event
- Learning in Digital Wales Evaluation
- Jisc
- ICT Infrastructure - LiDWG and Janet

Outcomes

- Increased learner attainment
- Improvements in the use of digital technology
- Financial benefits
- Unified, consistent approach
- Greater collaboration at all levels

Hwb Headline Milestones

- Established data processing agreements across all Education stakeholders
- Over 550,000 users provisioned
- Individual sites delivered to every school in Wales
- Largest Microsoft Education Office 365 tenancy worldwide
- Training delivered to all schools across Wales
- Project gaining traction with over 1.7m Hwb page views monthly and over 65% of schools now 'actively engaged'

Hwb Statistics

- 171,094 accounts active
- Over 65% schools 'actively engaged' across Wales

Month	Page Views	Searches	Logins	Resources
January	1,315,027	90,300	210,368	117,040
February	1,243,100	73,700	202,100	109,564
March	1,310,372	68,000	207,241	113,664
April	1,113,458	55,300	184,507	91,098
May	1,410,097	65,500	245,557	104,443
September	1,751,930	66,562	361,229	116,812

- 361,229 logins - 201,033 logins (55%) non-learners

LiDW Evaluation Headlines

- Management of the programme was seen to be strong and flexible.
- There were effective systems in place to plan, develop and oversee each of the programme elements and their specific projects in line with the plans envisaged.
- **Ambitious targets were a strong driver for establishing project management systems to monitor progress and risks of the LiDW team's and contractors' performance.**
- A platform (Hwb) hosting bilingual digital teaching resources has been created. This includes digital content and tools available to authenticated users as planned.
- Hwb+ a virtual learning environment has been made available to all maintained schools in Wales.
- As of November 2015 an estimated 7,000 teachers have received training on using Hwb and Hwb+.
- 97 per cent of schools within scope (across the 18 LAs who signed up to the infrastructure element) were provided with broadband improvements.
- 95% of the large primary schools identified to receive enhanced connections have as of November 2015 received the increased broadband bandwidth.
- **Increasing usage figures and the evidence from interviews and case studies suggest that LiDW products and promotional activities have led to an increase in the use of digital technologies across schools in Wales – for both teaching and learning in the classroom and for communication and collaboration between teachers within and across schools and between teachers and pupils.**



Llywodraeth Cymru
Welsh Government

Hwb

Digital Learning for Wales

[Log in](#)
[Sign up](#)

[Cymraeg](#)

[Home](#)
[Resources](#)
[Events](#)
[Community](#)
[e-Safety](#)
[Zones](#)
[Help](#)

Featured



PATAGONIA

Film Study - Patagonia

RESOURCE



e-Safety

Calling all scho...

RESOURCE



Safer Internet D...

RESOURCE



Cwrdd Hwb HwbMeet

Cardigan Hwb...

RESOURCE



The Wondercr...

RESOURCE

Latest news



Bett Show 2017

14/10/2016



Safer Internet Day 2017 - Online Safety Logo Competition Now Open!

19/10/2016



Oxfam - Global Citizenship and CPD

10/10/2016



Wales For Africa

07/10/2016



Cardigan Hwbmeet

05/10/2016

Latest @HwbNews Tweets



Hwb News Retweeted

Oxfam Cymru @OxfamCymru

CPD and global citizenship opportunities for schools & colleges in Wales. Apply now: [hwb.wales.gov.uk/oxfamcpd](#)... @HwbNews @OxfamCymru



Hwb News Retweeted

Wales Cymru @WalesCymru

Check to see so many places to enter to win how you use @HwbNews in your school. Looking forward to meeting again to discuss our new website!



Hwb News Retweeted

Wales Cymru @WalesCymru

Wales Cymru



Hwb
Wales 2014-2016

Welsh Government 

Learning Wales 

My Local School 

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Digital Learning for Wales

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[Find new resources](#)
[Browse](#)

Latest resources

Most recent

Search teaching and learning resources

Resources and resources

All

Foundation Phase

Key Stage 2

Key Stage 3

Key Stage 4

A&AS

Welsh Sourcebook

Other resources

Principal Learning

Vocational and Post 16



Frindiau'r Wyddor



ClipArt Cymru



Aberfan



Safer Internet Day 2017 - On...



Commons taking Online



An Introduction to...

Highest viewed resource September 2016

The screenshot shows a web browser window with the address bar displaying a URL from Wales.gov.uk. The page title is 'Resources - Hwb'. The main content area features a resource titled 'Keeping Learners Safe - Module 1' with a 5-star rating and 3 items. The description states: 'Everyone in education should share a common goal of keeping learners safe. This module will help you understand safeguarding and your responsibilities. It is the first module of three available in this package and appropriate for all staff. More information in the information tab.' The page has tabs for Overview, Information, Reviews, Related, Report, Tags, and Share. The Overview tab is active, showing three items: a PDF titled 'Keeping Learners Safe - Guidance', a VIALES assignment titled 'Assignment: Keeping Learners Safe - Module 1', and a PLAYLISTS titled 'Keeping Learners Safe - Module 1'. Each item has a 'Launch' button. The right sidebar contains 'Tags' (wholes, child protection, e-safety, Keeping learners safe, module, modules, safe, safeguarding, training, well-being), 'Contributors' (NSPCC Cymru), 'Copyright' (© Hysfodt y Goron 2015/6 Queens' Printer and Controller of HMSO 2016), and 'Updated' (14.09.2016 11:41).

http://wales.gov.uk/resources/resources/65cf3917-4e... Resources - Hwb

File Edit View Favourites Tools Help
Business Center Hwb Surface

***** (0) 3 items Suspecting Abuse and Safeguarding - Cefnco Cyfnewid a Chwaki 3348 views English Cymraeg

Keeping Learners Safe - Module 1

Everyone in education should share a common goal of keeping learners safe. This module will help you understand safeguarding and your responsibilities. It is the first module of three available in this package and appropriate for all staff. More information in the information tab.

Overview Information Reviews Related Report Tags Share

PDF Keeping Learners Safe - Guidance Launch

This guidance document provides advice on how to use and/or assign the 'Keeping Learners Safe' modules to other staff members if you are a designated senior person (DSP) or a headteacher.

VIALES Assignment: Keeping Learners Safe - Module 1 Launch

PLAYLISTS Keeping Learners Safe - Module 1 Launch

Tags

wholes child protection e-safety
Keeping learners safe module modules safe
safeguarding training well-being

Contributors

NSPCC Cymru

Copyright

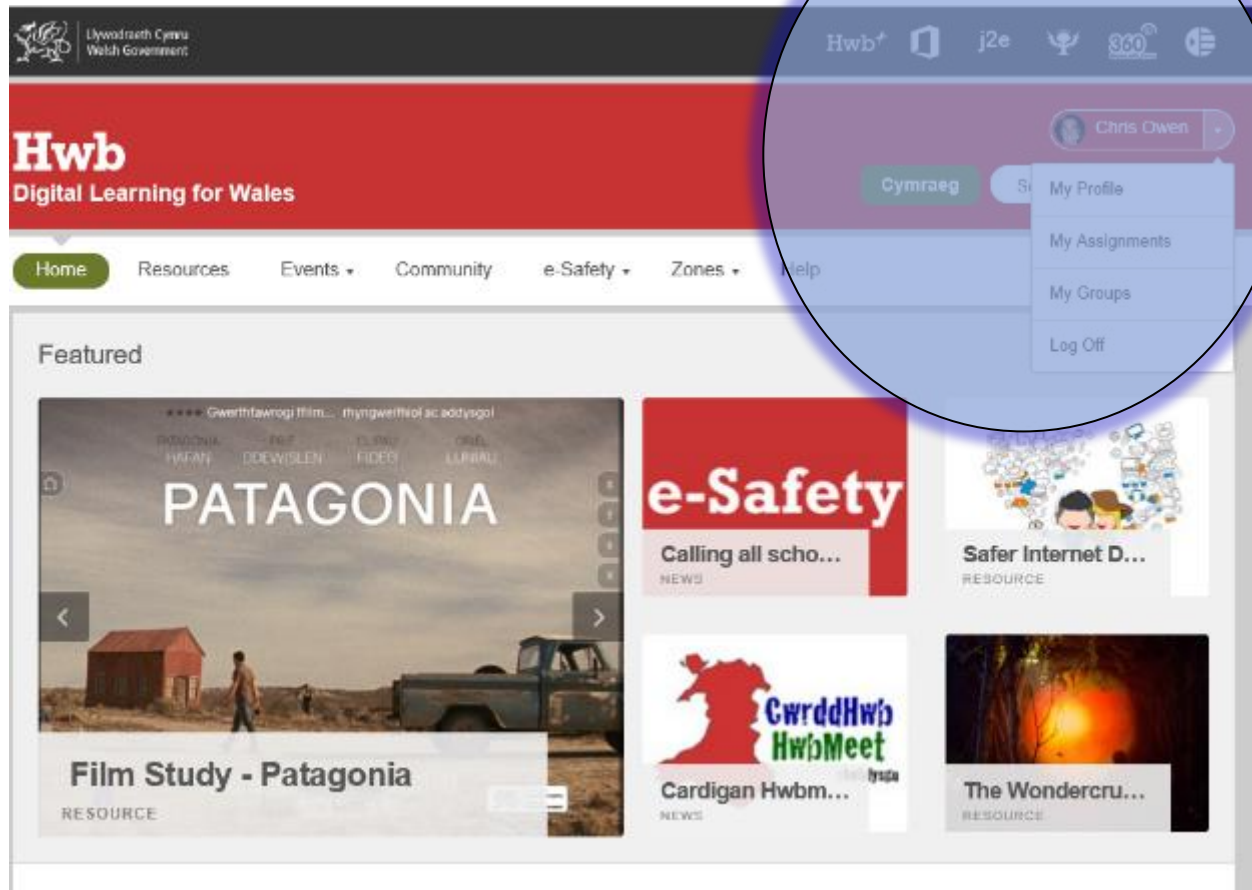
© Hysfodt y Goron 2015/6 Queens' Printer and Controller of HMSO 2016

Updated

14.09.2016 11:41

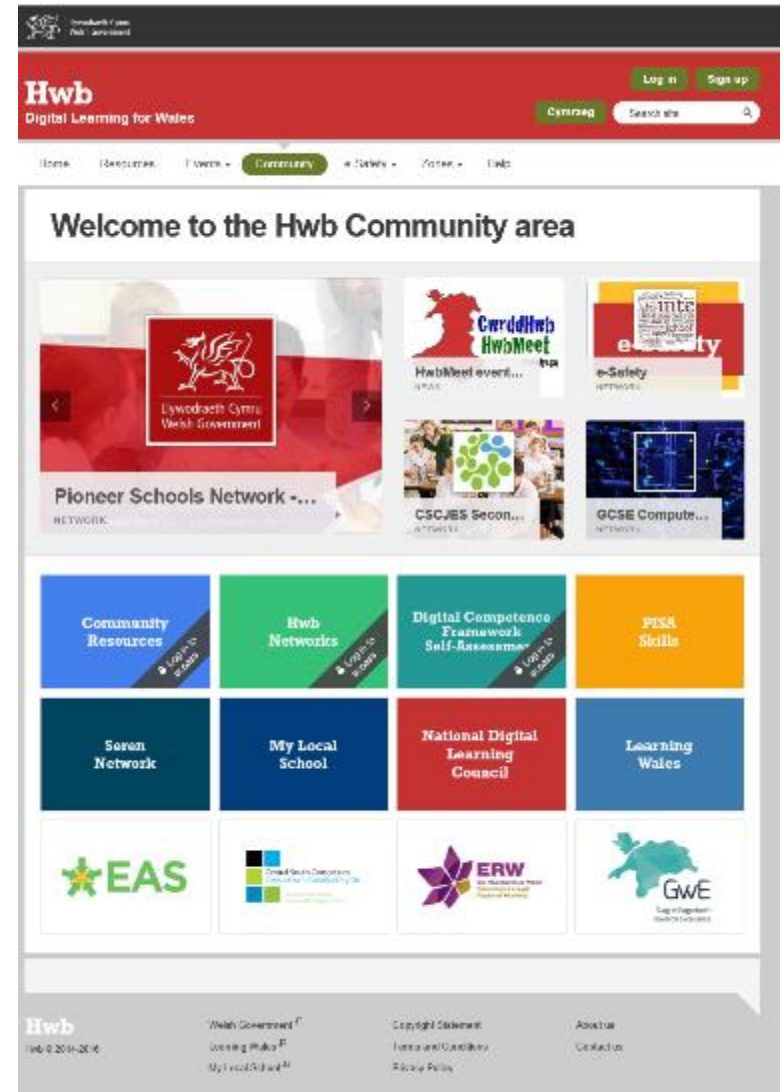
200%

Hwb Tools



Hwb: Opt-in Community

- Users can choose to join the Hwb community
- Provides access to community generated resources
- Community resources included in NDCR search results.



Playlists

Tudors
Add a description
Chris Owen

Steps: 5

01 **William Morgan and Tŷ Mawr**
Interactive resources looking at the translation of the Bible in to Welsh and the Tudor home of William Morgan (Ray Wood - NGFL Cymru)
Hwb Hub

02 **Kings and Queens of England: Episode 3: Tudors**
This is a YouTube video
YouTube AngelDora

Hwb Search
tudors
17 results
English

The Tudors
In this pack we will be exploring what kind of places, places, and England were during the Tudor era. The Tudors ruled from 1485 to 1603. They were a family with strong Welsh connections. It was an exciting time, with many political and social changes. It was an era which included interesting characters such as Henry VIII, important events such as the Acts of Union and a lot of bloody tales. Come and investigate what life was like during the Tudor age.

Introduction to the Tudors
Introduction to the Tudors, their not just to us, and their houses as well as looking at the differences between Britain then and now.

Of Mice and Men Revision: Curley's wife
A collection of resources and activities (including a past paper question) to recap the character of Curley's wife

Overview Reviews Related Report Tags Share

PLAYLIST: Of Mice and Men Revision
Launch

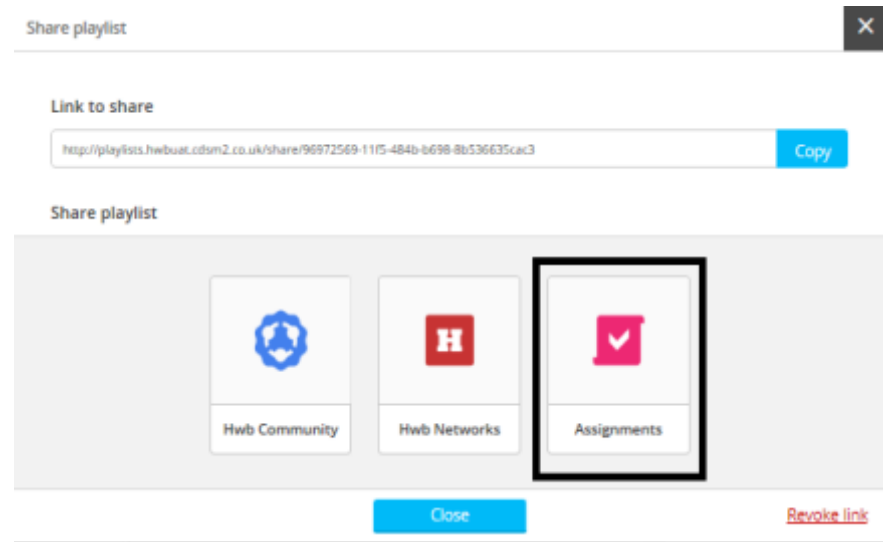
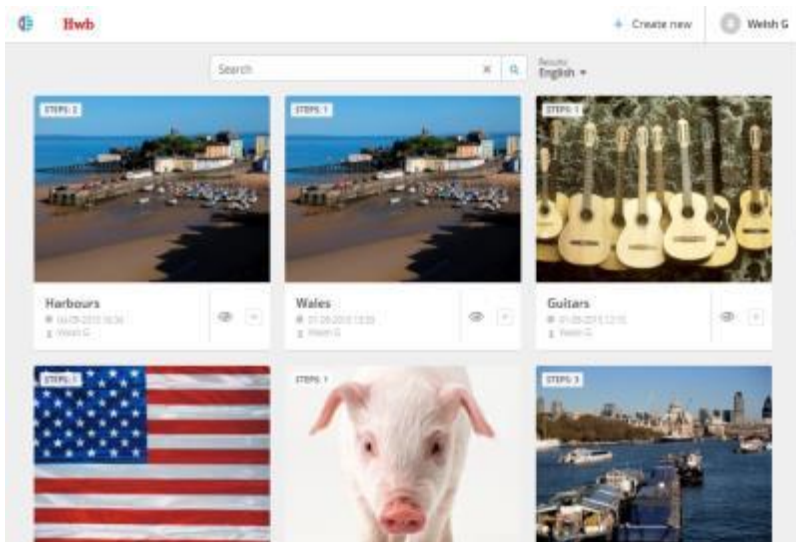
A collection of resources and activities (including a past paper question) to recap the character of Curley's wife

Web Community Resource
This is a Hwb Community resource that has been contributed by teachers. Hwb Government are not responsible for its quality or accuracy. If you do find an issue with this resource then please use the 'Report' tab to alert us to the issue.

Tags
English GCSE Revision Of Mice and Men

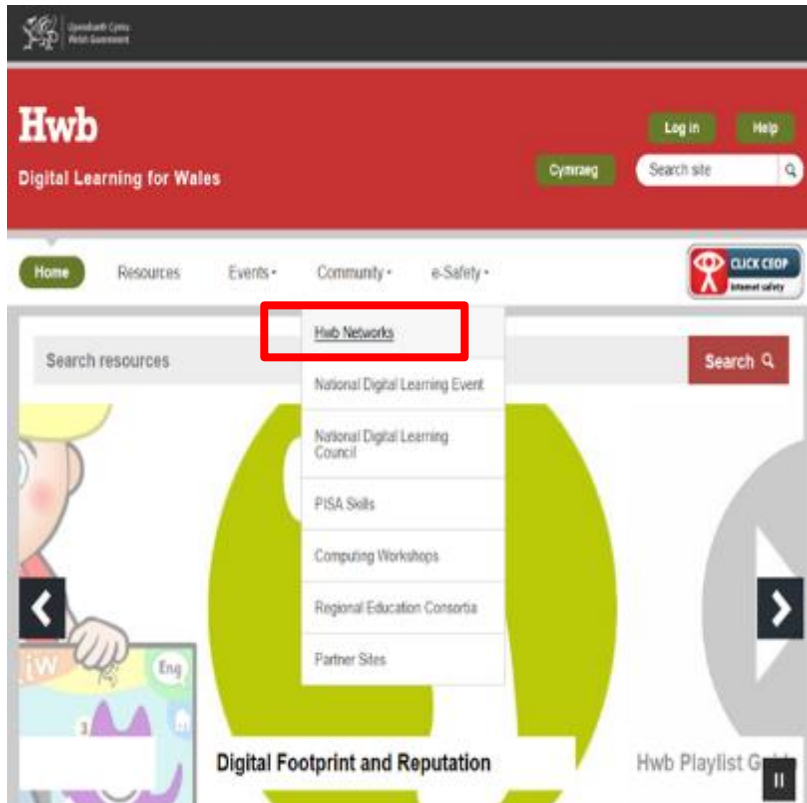
Contributors

Assessment and reporting developments

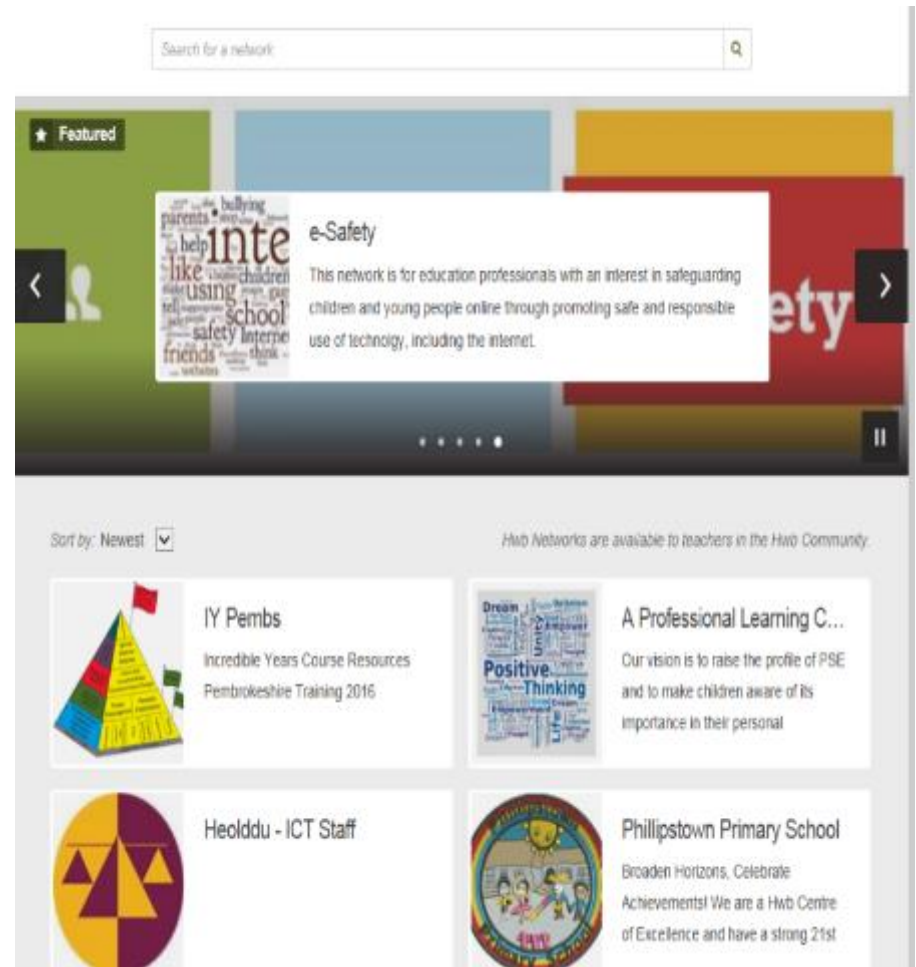


Date Started:	Date Completed:	Grade:	Percentage:	Score:
21-09-2015 15:22	21-09-2015 15:47	-	33%	(1/3)
Harbours: Welsh G's Report				
Welsh G started 'Harbours'				
Welsh G closed 'Harbours'				
Welsh G started 'Harbours'				
Welsh G chose 'Mountains?' as the answer to the question 'Is a harbour near...'				
Welsh G chose 'Water?' as the answer to the question 'Is a harbour near...'				
Welsh G chose 'I' as the answer to the question 'Which of these harbours is in Wales?'				
Welsh G chose 'I' as the answer to the question 'Which of these harbours is in Wales?'				
Welsh G answered 'Which of these are harbours?'				
Welsh G matched 'Stoke On Trent' with 'Harbours'				
Welsh G matched 'Worcester' with 'Harbours'				
Welsh G matched 'Portlleven' with 'Harbours'				
Welsh G matched 'Tenby' with 'Harbours'				
Welsh G matched 'Nottingham' with 'Not harbours'				
Welsh G matched 'Birmingham' with 'Not harbours'				
Welsh G scored 67% in 'Harbour Quiz'				

Hwb Networks

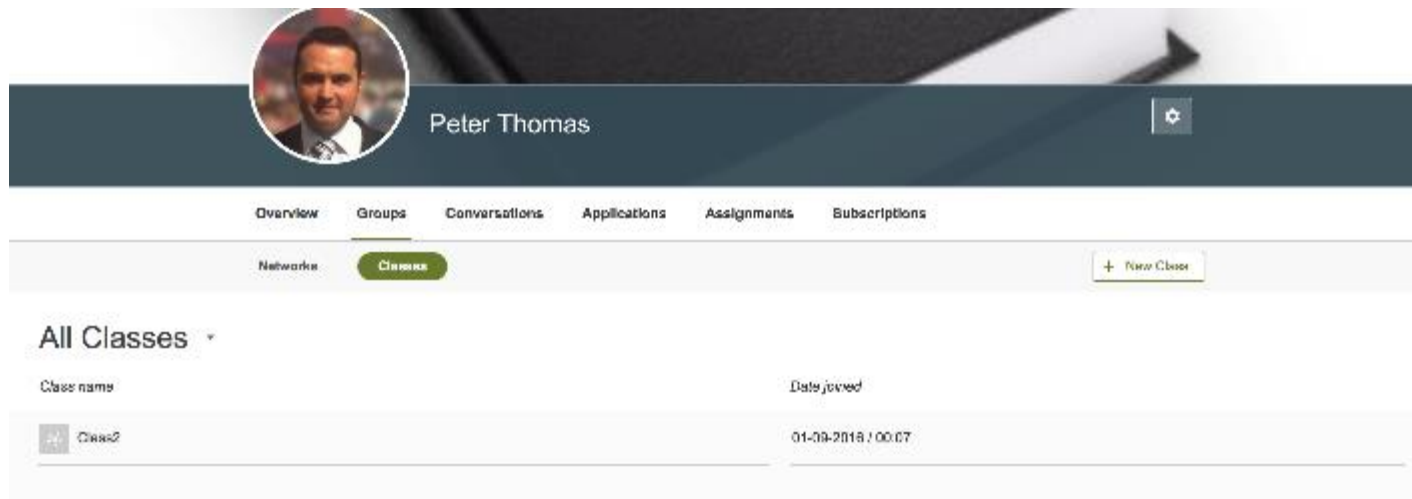
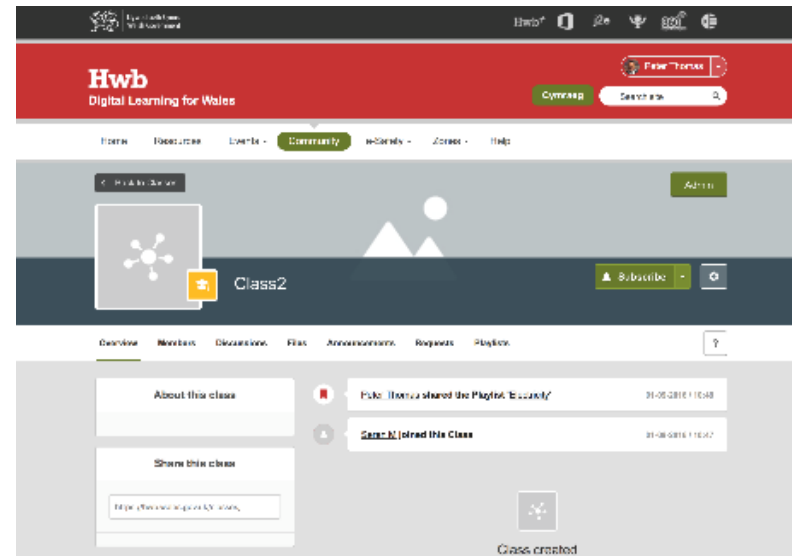
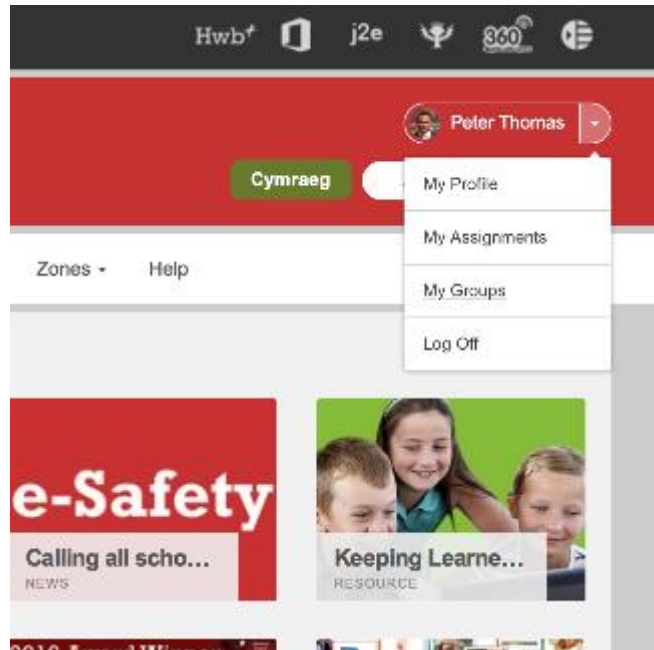


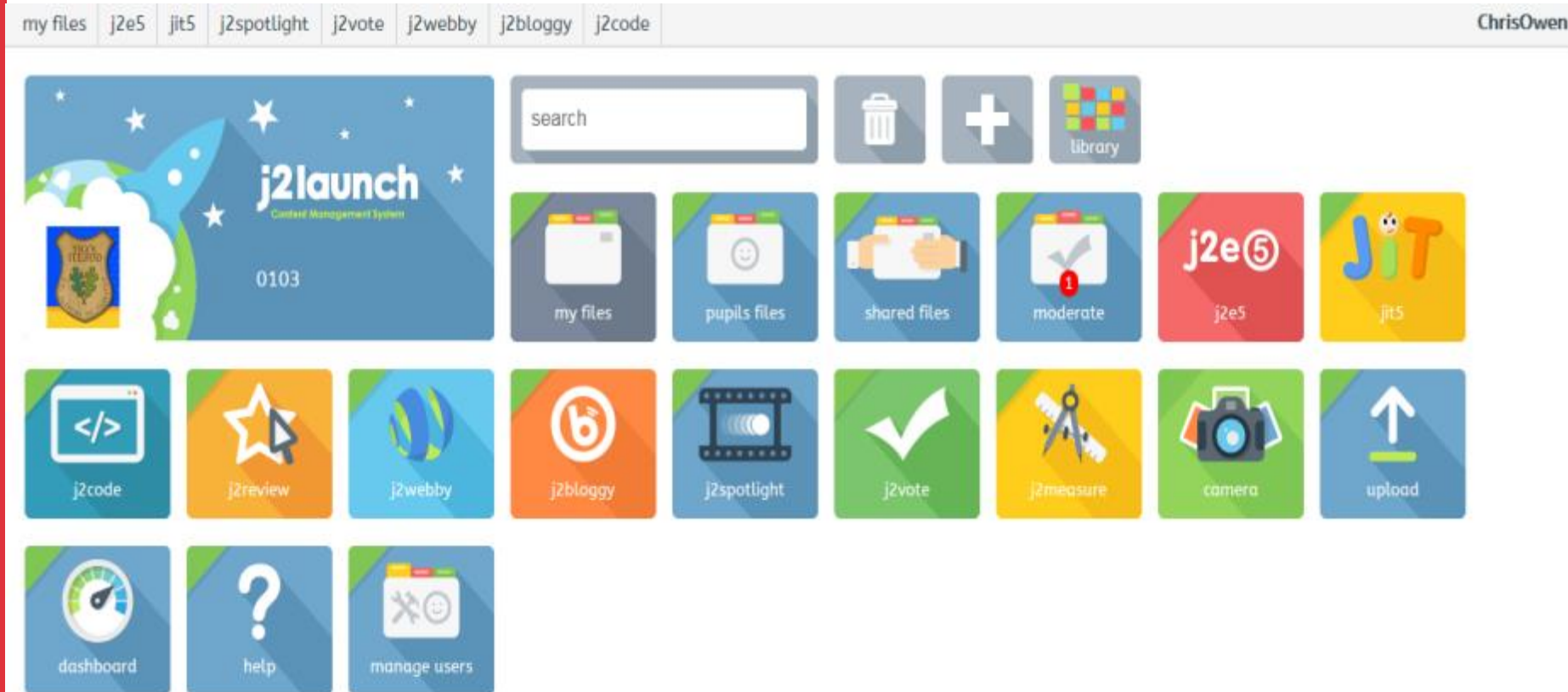
The screenshot shows the Hwb website interface. At the top, there's a red header with the 'Hwb' logo and 'Digital Learning for Wales'. Below the header, there's a navigation bar with links for Home, Resources, Events, Community, and e-Safety. A search bar is also present. In the main content area, a dropdown menu is open, and the 'Hub Networks' option is highlighted with a red rectangular box. Other options in the menu include National Digital Learning Event, National Digital Learning Council, PISA Skills, Computing Workshops, Regional Education Consortia, and Partner Sites. The background features a large green graphic and a search bar for resources.



The screenshot shows the Hwb Networks page. At the top, there's a search bar for a network. Below it, a 'Featured' section displays a network card for 'e-Safety'. The card has a word cloud background and text describing the network's purpose: 'This network is for education professionals with an interest in safeguarding children and young people online through promoting safe and responsible use of technology, including the internet.' Below the featured section, there's a 'Sort by: Newest' dropdown menu. A note states 'Hwb Networks are available to teachers in the Hwb Community.' Below this, there's a grid of network cards. Each card has an icon, a title, and a description. The visible cards are: 'IY Pems' (Incredible Years Course Resources, Pembrokeshire Training 2016), 'A Professional Learning C...' (Cur vision is to raise the profile of PSE and to make children aware of its importance in their personal), 'Heolddu - ICT Staff', and 'Phillipstown Primary School' (Broaden Horizons, Celebrate Achievements! We are a Hwb Centre of Excellence and have a strong 21st).

Hwb Classes





Just2easy is a collection of online educational tools specifically designed to engage, motivate, and inspire pupils.

The tools encourage pupils from Foundation Phase through to Key Stage 3 to create, share, and safely blog work at school and at home. It is also an effective resource for teachers, enabling file sharing, collaborative learning, and assessment and tracking.

Additional tools and content available through Hwb

- Just2easy 
- Encyclopaedia Britannica 
- 360 degree safe Cymru 
- Premium content 
- Creative Learning through the Arts 

Creativity Learning Zone



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Hwb

Creative Learning

Supporting a Curriculum for Wales

Log in

Help

Cymraeg

Search 

Home

Resources

Events

Community ▾

Zones ▾

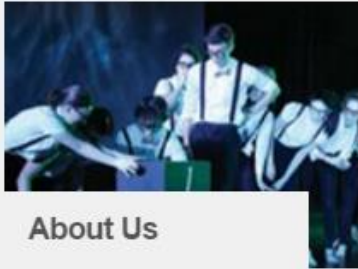
Hwb

Featured





How red is red?



About Us



Science Literacy...



Young People's ...



Cyngor Celfyddydau Cymru
Arts Council of Wales

Academi Wales

The screenshot shows the Academi Wales website homepage. The header is purple with the Academi Wales logo and navigation links. The main content area features a central text block about learning and development for leaders and managers, and four image-based links: Welcome, New videos, Developing senior level coaches - ILM 7, and One Welsh Public Service. Below this is a section for 'All news and views' with a list of recent articles, and a 'Latest @AcademiWales tweets' section. The footer includes social media links for Twitter, LinkedIn, Bulletin, YouTube, and Flickr.

Download Our Welsh Governance

AcademiWales

Search

Log in Sign up Cymraeg

Home Courses and events Learning resources Networks News and views About us Contact us

Learning and development for leaders and managers working across the public service in Wales

"A fantastic organisation that offers a range of opportunities for those who are keen to develop themselves both personally and professionally."

Annual Learner Survey respondent, 2010

Find out more

Welcome

New videos

Developing senior level coaches - ILM 7

One Welsh Public Service

All news and views >

Quick tips – new resources added for September!
09/09/2016

Winter School 2017 - expressions of interest being taken
21/07/2016

Register your interest in senior level coaching – ILM 7 qualification
20/07/2016

Guest blog: Thoughts from Summer School 2016
20/07/2016

Interested in finding out about intergenerational working within our organisations?
18/07/2016

Latest @AcademiWales tweets

Academi Wales Reopened

Zoe Sewal @zsewal

Interview @GaelaSpinks, Head Public Service Delivery in a Digital Age? @Dorothy1971 goes public

Join and follow us

Twitter LinkedIn Bulletin YouTube Flickr

Single Sign On Pilot - UoWTSD

The screenshot displays the 'myday' Single Sign On Pilot interface for the University of Wales Trinity Saint David (UoWTSD). The interface features a blue header bar with the 'myday' logo, a search bar, and user information for 'Mathew Jones'. A dark sidebar on the left lists various applications and dashboards. The main content area is a grid of colorful tiles representing different services and news items.

Header: myday | Bookmarks | Search... | Personalise | Feedback | Mathew Jones

Sidebar (Dashboards & Apps):

- Dashboards: Home, Cymraeg
- Apps: Calendar, Courses, Mail, Newsroom, PC Availability, People Search, Tasks

Main Content Area Tiles:

- News Room** (Dark Blue)
- OneDrive** (Blue) - Oh dear, Unable to load tasks
- Tasks** (Green) - Oh dear, Unable to load tasks
- Mail** (Purple) - Oh dear, Can't load data from Office 365
- Calendar** (Orange) - Oh dear, Can't load calendar data
- People Search** (Dark Blue)
- IT Service Desk** (Red)
- Academic Office** (Light Blue)
- Hwb** (Red)
- VocalEyes** (Green)
- Student Opportunities** (Pink)
- Student Experience** (Pink)
- QL-Student Portal** (Light Blue)
- Student Services** (Yellow)
- MyView** (Purple)
- Health & Safety** (Brown)
- PC Availability** (Purple)
- My Personal Development** (Red)
- Facebook** (Blue)
- YouTube** (Red)
- Property Services Helpdesk** (Brown)
- Academic Committees** (Blue)
- Corporate Templates** (Blue)
- Twitter** (Blue)
- Moodle** (Orange)
- Library** (Green)
- Policies &** (Blue)

Footer: © 2016 University of Wales Trinity Saint David | Privacy policy

Widening access to Education across Wales

- Higher Education – including ITET
- Further Education
- Supply Teachers
- Adult Community Learning
- Careers Wales



Office 365

Install software

Good afternoon, Chris

Use the online apps

OneDrive

OneDrive

Mail

Calendar

Skype

Word

PowerPoint

Excel

OneDrive

Files

People

People

Tasks

Tasks

Share

Your recent online documents

New

LAST OPENED

Digital Pioneer Group Notebook

1/2/2016 1:12:10 PM (1/2/2016 1:12:10 PM) - 1/2/2016

4 days ago

Hwb365 e-mail

Can I use HwbMail to send e-mail securely?

Scenario	Data	Control
HwbMail to HwbMail	Confidential	Enforced STARTTLS (always on encryption)
HwbMail to LA or trusted organisation	Confidential	Enforced STARTTLS (always on encryption)
HwbMail to HwbMail	Sensitive	S/MIME (user requires security certificate, mail client must be used)
HwbMail to LA or trusted organisation	Sensitive	S/MIME (user requires security certificate, mail client must be used)
HwbMail to other parties by exception	Confidential	O365 Message Encryption

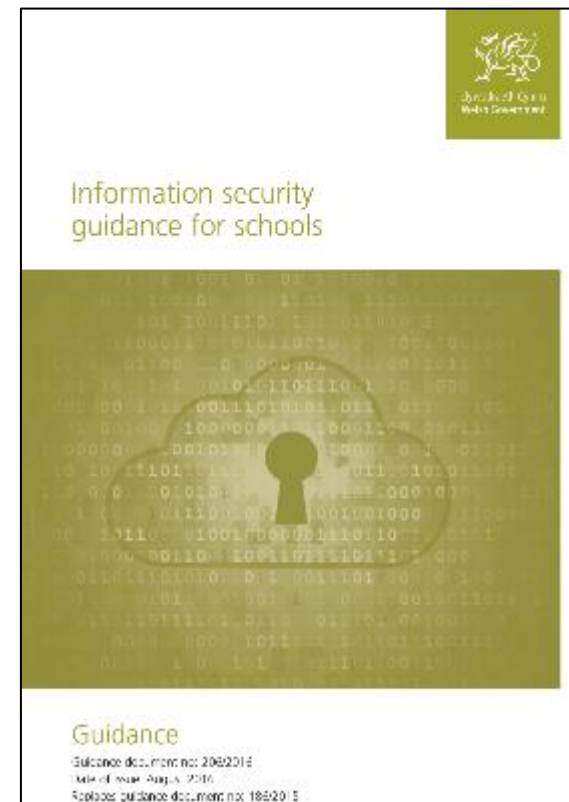
Yes – when controls are implemented

Information Governance Guidance



The screenshot shows the Welsh Government website with the following content:

- Header:** Llywodraeth Cymru Welsh Government, Contact Us, A-Z, Accessibility, Site Map, Cymraeg, Search.
- Navigation:** About, News, Topics, Consultation, Legislation, Funding, Statistics & Research.
- Breadcrumbs:** Home > Topics > Education and skills > Publications > Information governance guidance for schools.
- Main Title:** Information governance guidance for schools.
- Metadata:** Last updated 17 August 2016, Share buttons.
- Summary:** Advice and guidance for schools in relation to storage of information within the Hwb platform. An explanation of what sensitive information is and how it should be protected. Further information is given on the meaning of information governance, school and staff access abilities in relation to Data Protection, data classification, information handling and cloud storage.
- Document Download:** Information security guidance for schools (File size: 1.1 MB).
- Related Links:** Request documents in a.
- Education and skills sidebar:** Publications, Guidance and Information, Case files, Reports, Commissioned reviews, Statistics and research.



The document cover features the following elements:

- Header:** Llywodraeth Cymru Welsh Government logo.
- Title:** Information security guidance for schools.
- Visuals:** A green background with a pattern of binary code (0s and 1s) and a large, faint keyhole graphic in the center.
- Section:** Guidance.
- Metadata:** Guidance document no: 2062016, Date of issue: August 2016, Replaces guidance document no: 1862013.

Home

From the Headteacher

Title

School NOT closed for Snow today
[View](#)

Snow day

Start Visit

Technique Visit

Swire in line

[Add new announcement](#)

Today's Appointments

You have no appointments today

Calendar

Title	Start Time
Michael Rosen visit	23/09/2014 00:00
WORLD BOOK DAY	06/03/2014 00:00
October Event	24/10/2015 00:00
Event 1	27/09/2015 00:00

[Add new event](#)

URL

J2E

SSC

SSC website

Non-enemy resources

bbc forty page

[Add new link](#)

My wall

Hello & good morning...

Chris Owen

Email at a glance

alerts

06/12/2014 22:00:10

Approaching SharePoint Web site storage limit

Unread mails

1

[Load more messages ...](#)

Documents

Type	Name
There are no items to show in this view of the "Documents" document library. To add a new item, click "New" or "Upload".	

[Add document](#)

Worry Box

[click here to add item](#)[click here to view details](#)

MY to do list

[add a new to-do](#)

RSS

BBC News - Technology

Samsung sells first Tizen phones

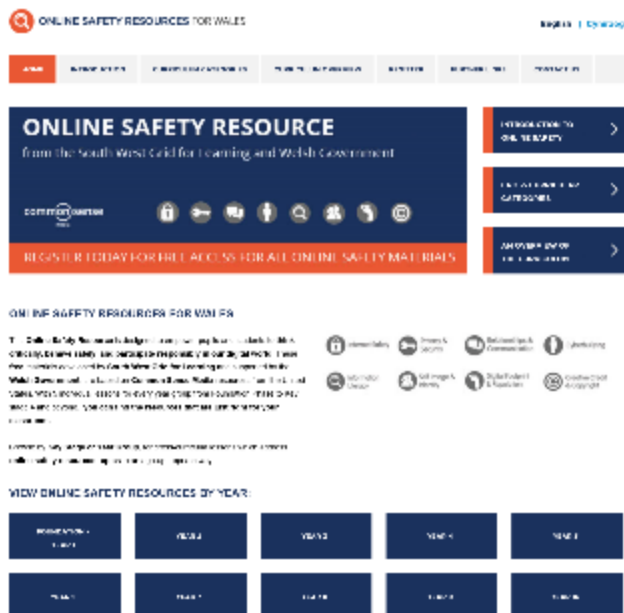
Facebook expands into the office

Video game auction nets \$100,000

Hwb+ statistics

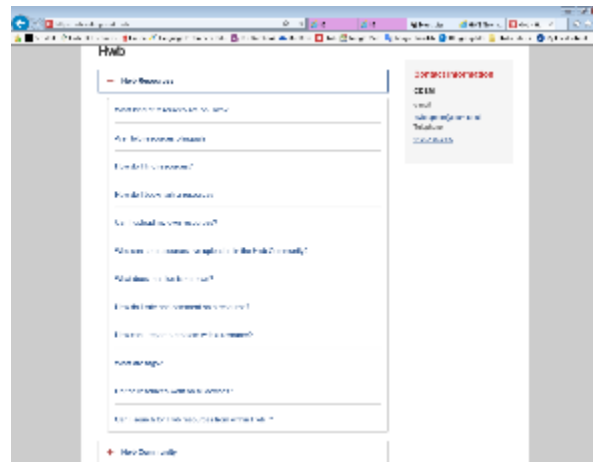
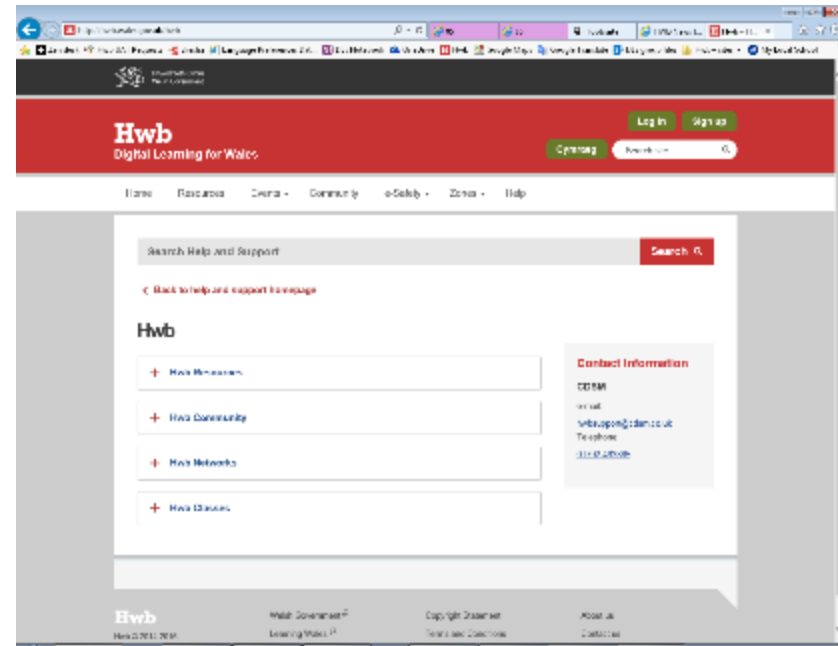
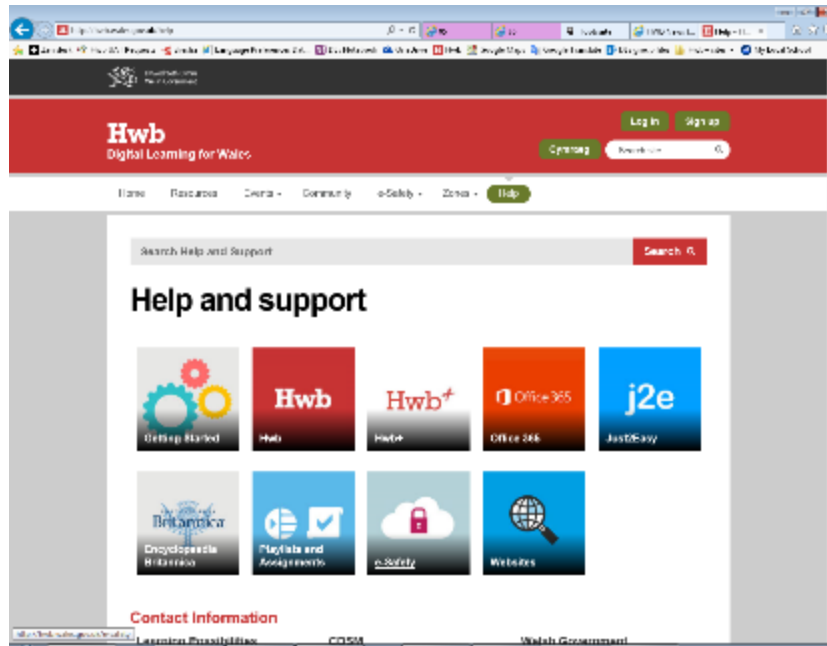
- Core provisioning service
- 570k accounts active

e-Safety



	No of registered schools	% that have used the tool	% with 28 ratings
Total Schools in 360 Cymru September 2016	1,354	78%	48%

Help and Support site



HwbMeets 16/17

- **Ruthin** 29 September 2016
The Centre
- **Cardigan** 2 November 2016
Ysgol Uwchradd Aberteifi
- **Cwmbran** 30 November 2016
Power Station
- **Porthmadog** 19 January 2017
Glaslyn Leisure Centre
- **Penarth** 15 February 2017
Ysgol Y Deri
- **Monmouth** 21 March 2017
Shire Hall
- **Maesteg** 17 May 2017
Ysgol Maesteg
- **Brecon** 13 June 2017
Castle of Brecon Hotel



Latest News

- Password resets
- Hwb, Hwb+ and the new academic year
- New Hwb features
- Hwb+ upgrade
- Extensive pilots with HE (ITET), FE, WBL, Careers Wales underway
- Information governance guidance
- Digital Leader support
- Office 365 - External sharing
- Hwb Roadmap

Digital Competence Framework Using Hwb

- Hwb has been used as the collaborative platform for taking forward the development work led by the Digital Pioneer schools
- Hwb Networks have been used to create a DCF network to share announcements, files, discussions etc
- Hwb's Office 365 is being used extensively to facilitate real-time collaboration between Digital Pioneers across Wales

DCF Self-Assessment Tool

- Allowing practitioners to rate their 'Digital Confidence'

[Back to list](#)

 Gareth Thomas ▾

★★★★☆ (36)
Across 6/20 Elements

1	Citizenship	★★★★☆ (6)	▼
2	Interacting and Collaborating	★★★★★ (4)	▼
3	Producing	★★★★☆ (12)	▲
3.1	Planning, Sourcing and Searching	★★★★★ (2)	▼
3.1a	Planning Sourcing and Searching - Exemplification of Skills	★★★★★ (3)	▲
	Nursery	★★★★☆	
	Reception	★★★★☆	
	Year 1	★★★★☆	
3.1a	Planning Sourcing and Searching - Exemplification of Skills	★★★★★ (3)	▲
4	Data and Computational Thinking	★★★☆☆ (12)	▼

Key Challenges

- Suppliers
- Stakeholders
 - Over 1,600 Schools
 - 22 local authorities
 - 4 regional education consortia
- Internal
 - Recruitment
 - Policy teams
- Finance - Reducing budget (£224k 16/17 FY)

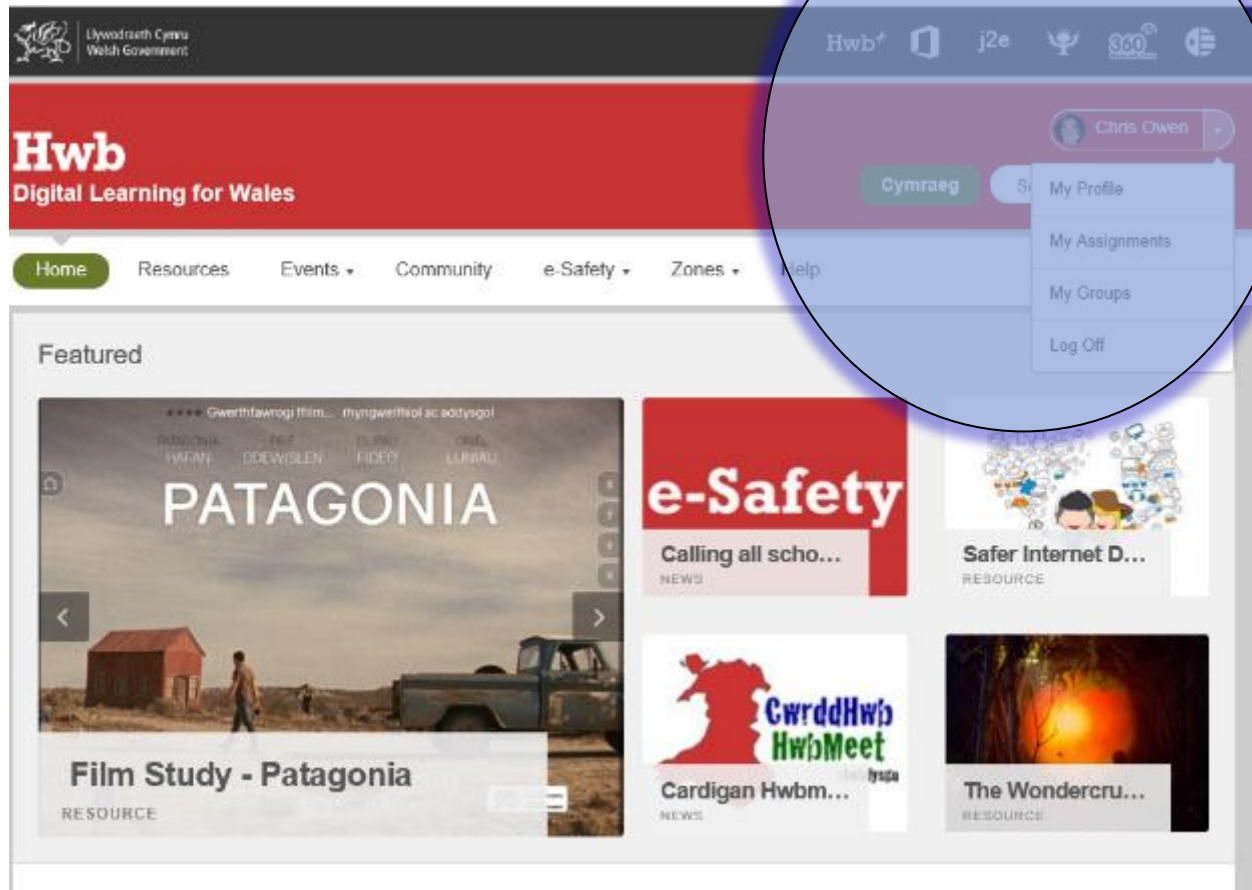
Next steps

- Further adoption by stakeholders
- Select and implement preferred exit strategy
- Develop platform in conjunction with stakeholders
- Identify additional opportunities to enhance service offering (e.g. Central Microsoft National Licencing)

Exit Strategy Planning

- Learning Possibilities contract ends 31 August 2018 which includes:
 - Provisioning service for all user accounts
 - Hwb+ Learning Platform
- Option 1 – Discontinue Hwb service
- Option 2 – Issue new tender for replacement service
- **Option 3 - Develop in-house / multiple supplier hybrid model**

Why Hwb?



ICT Strategy Update

- Four main strands:
 - Infrastructure
 - Standards
 - Platforms
 - Future look



Llywodraeth Cymru
Welsh Government

Digital Learning Division

hwb@wales.gsi.gov.uk

#hwbdysgu

www.cymru.gov.uk