

Cymhwysedd Digidol
Digital Competence

 Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

 **Yr Athrofa**
Institute of Education
Addysg i Gymru Education for Wales

TAR Cynradd / P-PGCE

 **CYMHWYSEDD**
DIGIDOL
Trawsgwricwlaidd

www.athrofa.cymru

 **DIGITAL**
COMPETENCE
Cross-curriculum

Beth mae'n feddwli fod yn 'gymwys digidol' yn 2018?

What does it mean to be 'Digitally Competent' in 2018?

Who is she? Why was she here?
Pwy yw hi? Pam oedd hi yna?



Kent Police
Maidstone police station

Protecting and serving the people of Kent.

To find out more about police procedures please visit our website or call 101.

www.kent.police.uk

Nod y sesiwn / Session Objectives

- Deall y FfCD a sut mae datblygu cymhwysedd digidol y dysgwyr
- Deall amryw o ffyrdd ble all dechnoleg datblygu cyfleoedd i wella'r addysgu
- Deall sut mae cadw chi a'ch data'n ddiogel a'ch dysgwyr yn ddiogel ar-lein.
- Understand the DCF and how learners' digital competency can be developed
- Understand a range of ways in which technology can be used to enhance teaching opportunities
- Understand how to keep you, your data and your learners safe online.



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Yr Athrofa (Draft) e-safety policy



E-ddiogelwch / E-Safety:

- University policy
- School policy
- Support and advice
 - Unions
 - POSH
- **Check your privacy!**



Netiquette

- | | |
|--|--|
| 1) Defnyddio'ch e-bost prifysgol | 1) Use your University e-mail |
| 2) Cychwynnwrch mewn ffordd gwrtais | 2) Begin in a respectful and courteous way |
| 3) Cadwch eich cynnwys yn gryno | 3) Keep the content concise |
| 4) Peidiwch â chysylltu gyda staff am faterion gallwch ddarganfod yn y | 4) Don't contact staff relating to matters that could be discovered within documentation |

Gwarchod Data / Data Protection - GDPR

- | | |
|---|---|
| <ul style="list-style-type: none"> • Dilynnwch polisi'r ysgol • Gwybod os yw'r fath o data'n personol neu sensitif • Peidiwch â defnyddio ffon cof i drosglwyddo gwybodaeth personol. • Peidiwch â chadw data sensitif neu personol ar gyfrifiadur personol. | <ul style="list-style-type: none"> • Follow your school policy • Know your data types - is it personal? Is it sensitive? • Don't use USB to transfer personal information • Don't keep personal or sensitive data on a personal computer |
|---|---|



Hanes / History

Adroddiad gnŷp lliwio TGCh / ICT steering group report	2013
Adroddiad Donaldson / Donaldson Report	2015
Ysgolion Arloesi ac Arbenigwyr / Pioneer Schools and experts	2015
Fframwaith Cymhwysedd Digidol / Digital Competence Framework	Medi / September 2016

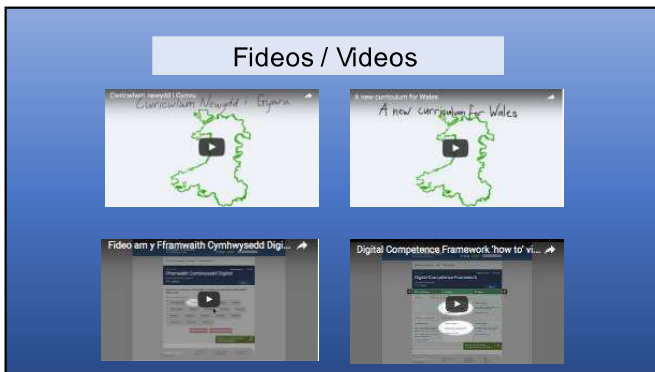
Meddylwch / Think

Ydy Cymhwysedd Digidol yn TGCh?	Is Digital Competence ICT?
Ydy Cymhwysedd Digidol yn statudol o Fedi 2016?	Is Digital Competence Statutory from September 2016?
Ydy Cymhwysedd Digidol yn pwnc craidd?	Is Digital Competence a Core subject?

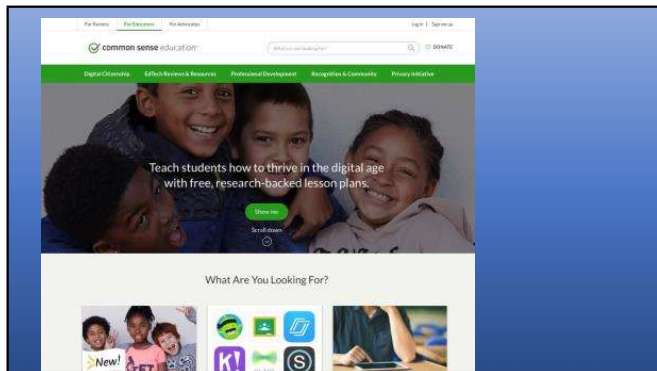
Dinasyddiaeth Humaniaeth, delwedd ac enw da Iechyd a lles Hawlfau digidol, trwyddedu a pherchnogaeth Ymddyddiad a lles a seilbwrdd	Citizenship Identity, image and reputation Health and well-being Digital rights, licensing and ownership Online behaviour and cyberbullying	Rhyngweithio a chydweithio Cyfathrebu Cydweithio Storio a rhannu	Interacting and collaborating Communication Collaboration Storing and sharing
Cynhyrchu Cynllunio, cynhyrchu a chywlio Creu Gwerthuso a gwella	Producing Planning, sourcing and searching Creating Evaluating and improving	Data a meddwl cyfrifiadurol Datrys problemau a modelu Llythrennedd gwybodaeth a data	Data and computational thinking Problem solving and modelling Data and information literacy

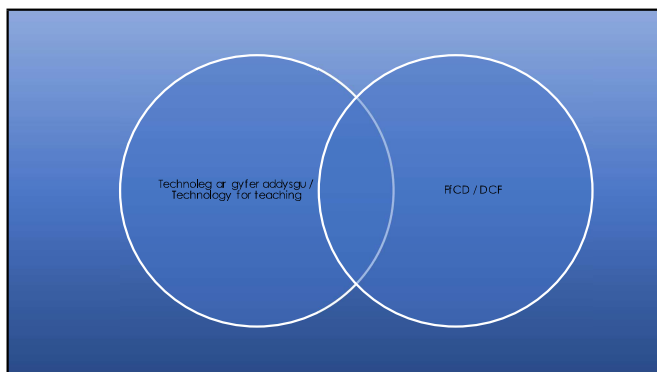
<http://learning.gov.wales/docs/learningwales/publications/180620-dcf-walch-ar-ogwen.pdf>





DIGITAL COMPETENCE FRAMEWORK									
Strand	Element	Baseline	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
1. Literacy	1.1 Literacy	With increasing independence learners are able to:	With increasing independence learners are able to:	With increasing independence learners are able to:	Learners are able to:	Learners are able to:	Learners are able to:	Learners are able to:	Learners are able to:
	1.2 Read and write								
	1.3 Digital literacy								
	1.4 Online behaviour and citizenship								





Sut i YMGORFFORI TGCh i mewn i gynllunio traw sgwricwlaidd
How to INCORPORATE ICT into curriculum planning

Yn dechrau nawr mae angen i chi gynllunio cyfleoedd i ymgorffori TGCh mewn prosiect traw sgwricwlaidd. Bydd angen i chi sicrhau cyfleoedd i'r plant modelu TGCh ac iaith ragorol. Gwnedych ddefnydd effeithiol o'r pynciau all-graidd i sbarduno cynnwys ardderchog sy'n gwneud gorau o Gwricwlwm Cymreig.

Starting from now you need to plan opportunities for incorporating ICT in cross-curricular project. You will need to ensure opportunities for the children to model excellent Language ICT skills. Make effective use of the non-core subjects to trigger excellent content that makes the best of the CC.

E-ddiogelwch / E-safety

E-ddiogelwch yn y
dosbarth
Y tri C, e-ddiogelwch

Camddehongli
Camsyniad
Camdraffod

Naif

E-safety in the
classroom:
Three Ms, e-safety

Misconstrued
Misconception
Manipulate

Naive

Y Byd ar-lein

Trafodwch y
peryglon ar-lein,
engrheifftiwrch.

Sleid nesaf am
gamau cychwyn

The online World

Discuss the
online dangers,
Give examples.

Next slide for
starting points

Peryglon Rhw ydw eithio Cymdeithasol,	Social Networking Dangers,
Cyberfw lio	Cyberbullying
Firysau	Viruses
Cyfathrebu	Communication

Cefnogwch y plant i warchod eu hun
/
Support the children to protect
themselves

Put the emphasis on building their child's resilience to online risks.

Byron (2008: 116)

Betholyga'r sylw adau yma?

What does this statement mean?

Ar-lein

Online

Where's Klaus?



Peryglon
Rhwydw eithio
Cymdeithasol,

Social
Networking
Dangers,

Jigsaw for 8-10 year olds

Isdeitlau
Cymraeg



Jigsaw for 8-10 year olds

CEOP

A fydddech chi'n
dangos y fideo yma i
blant ym mlwyddyn
4, 5 a 6?

Would you
show this video
to children in
year 4, 5 & 6

Beth sy'n
llwyddiannus am y
fideo?

What is
successful
about the
video?

Cyberfw lio Cyberbullying

Anti-Bullying week Cyber Bullying video



Anti-Bullying week Cyber Bullying video

Pa fath o gyfathrebu oedd yn cael ei chamdrin?	What forms of communication were being misused?
Cyberfwlio neu fwlio pa un sy'n waeth? Pam?	Cyberbullying or traditional bullying, which one is worse? Why?

Anti-Bullying week Cyber Bullying video

Pa fath o gyfathrebu fodern oedd ar goll o'r fideo?	What modern forms of communication were missing from this video?
Beth yw'r heriau a'r manteision?	What are the challenges and the advantages?

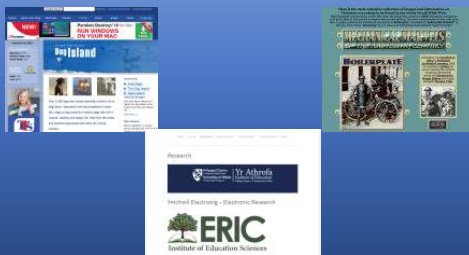
Beth am Gemau cyfrifiadur?
So what about computer
and console games?

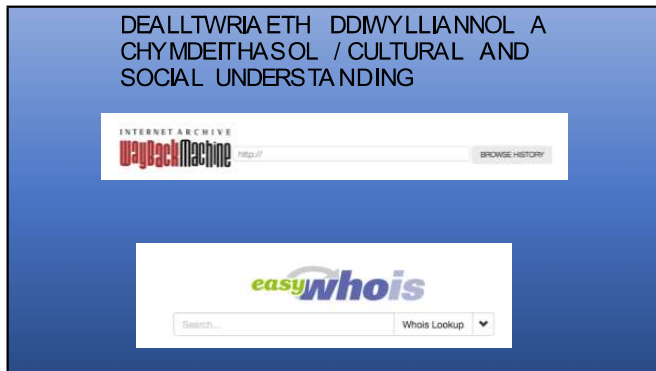


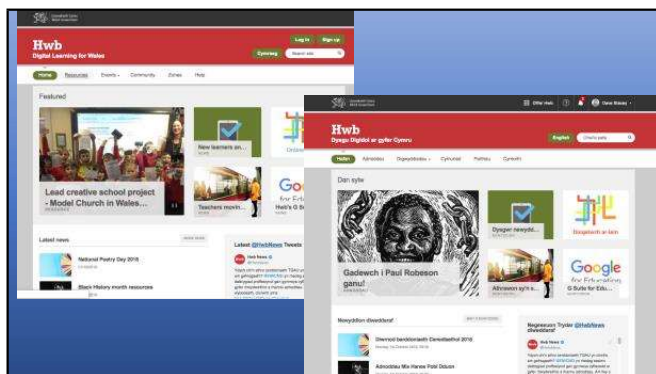
Trafodwch eich syniadau gyda phartner.
Discuss with a partner your thoughts on these.

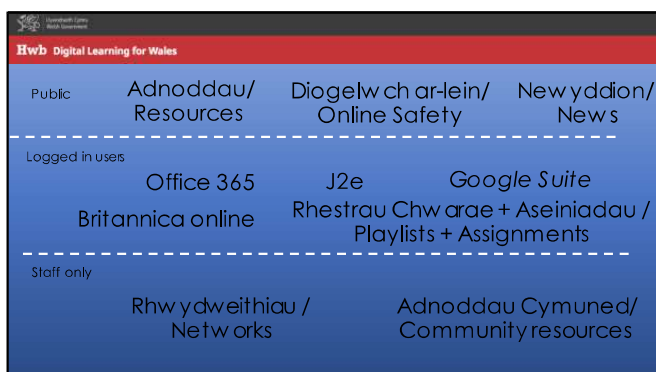
Offer ar-lein diddorol a llythrennedd
digidol / Useful online tools and digital
literacy

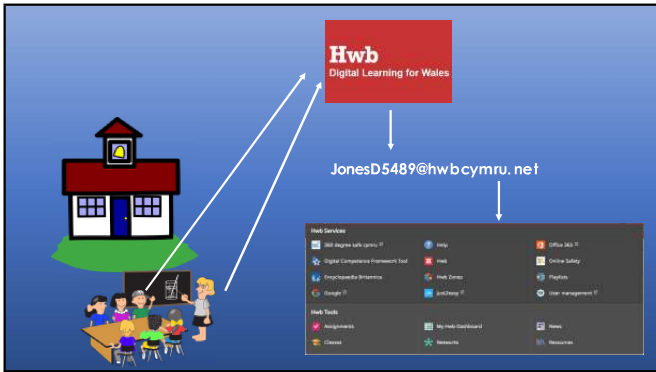
DEALLTWRIAETH DDMYLLIANNOL A
CHYMRDEITHASOL / CULTURAL AND
SOCIAL UNDERSTANDING

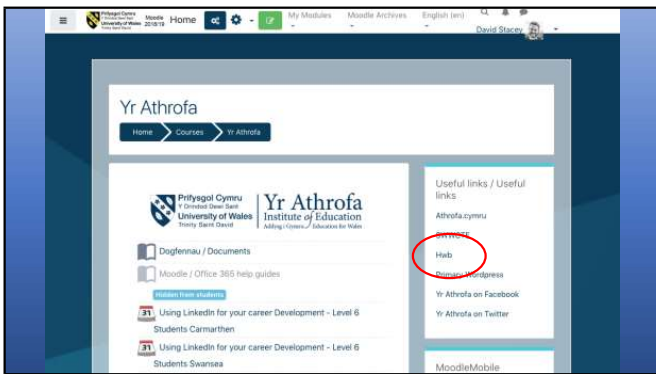


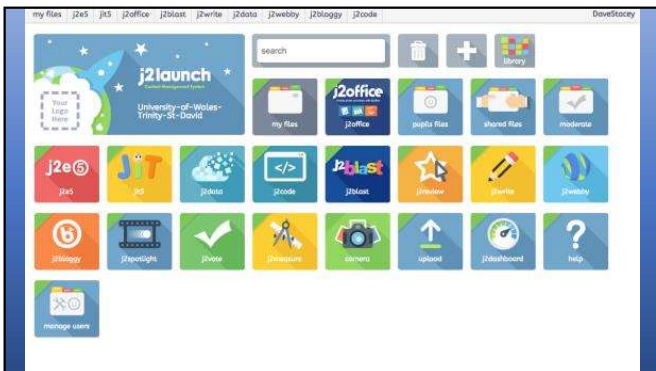


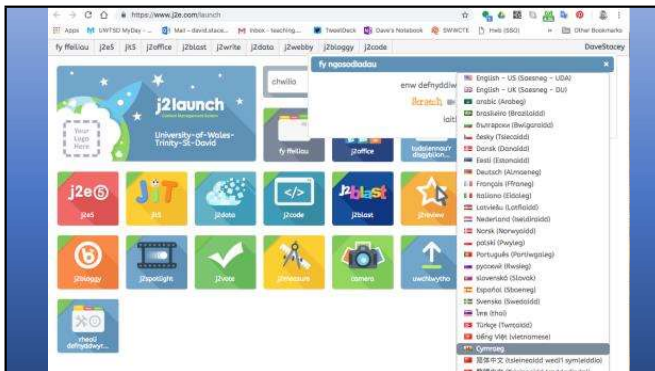


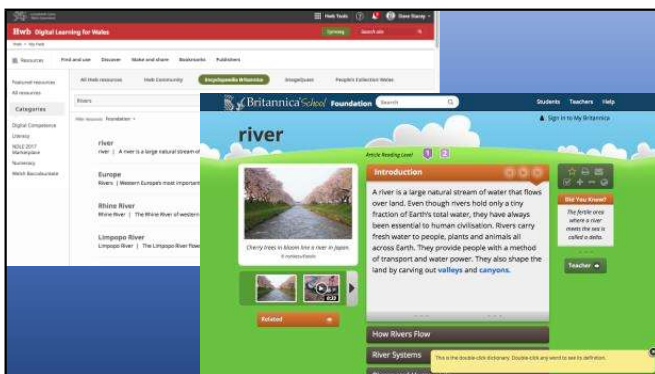














Tasg

Gweithio mewn grwpiau bach, ystyriwch un offer o **HWB** neu o'r dudalen <https://yrathrofa.wordpress.com/>.

Ystyriwch sut allwch ei ddefnyddio er mwyn hybu sgiliau gymhwysedd digidol y plant.

Edrychwch am enghreifftiau neu ganllawiau ar-lein.

Yn y pwerbwynt rydynwedi rhannu gyda chi, gosodwch sleid gyda'r manylion; chrynodedd o **beth** w'r offer, **sut** allwch ei ddefnyddio a **ble** allwch ddarganfod defnyddiau cymarth.

Task

Working in groups consider ONE online tool from **Hwb** or from <https://yrathrofa.wordpress.com/>.

Consider how it could be used in helping students develop their digital competence.

Look online for guides and examples.

In our shared Powerpoint put together a one slide summary of **what** the tool is, **how** it could be used, and **where** to find help on using it.
