



Trawsnewid Addysg, Trawsnewid Bywydau
Transforming Education, Transforming Lives

ECAD6051

TAR Cynradd: Digidol a Chreadigol gyda Deallusrwydd Artiffisial
PGCE Primary: Creative Digital Learning with AI

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Cyflwyniad

Yn y sesiwn hon, byddwch yn archwilio sut y gall deallusrwydd artiffisial wella creadigrwydd a dweud straeon yn eich ystafell ddosbarth yn y dyfodol.

Byddwch yn defnyddio offer am ddim i greu cymeriad a gynhyrchir gan AI a recordio fideo byr yn cyflwyno syniad gwers.

Introduction

In this session, you'll explore how AI can enhance creativity and storytelling in your future classroom. You'll use free, accessible tools to create an AI-generated character and record a short video introducing a lesson idea.



Cysylltiadau â'r Cwricwlwm a'r Safonau Proffesiynol

Cwricwlwm i Gymru: Fframwaith Cymhwysedd Digidol, Celfyddydau Mynegiannol, Iechyd a Lles. Safonau Proffesiynol: Pedagogeg, Arloesedd, Dysgu Proffesiynol.

Curriculum and Professional Standards Links

Curriculum for Wales: Digital Competence Framework, Expressive Arts, Health & Wellbeing. Professional Standards: Pedagogy, Innovation, Professional Learning.

WHAT DOES DIGITAL COMPETENCE MEAN?

- It is the set of **skills, knowledge and attitudes** to enable confident, creative and critical use of technologies.
- It is a **cross curricular** theme and it is the responsibility of teachers to include it in the lessons they teach.
- It is **distinct from ICT**, but they are closely inter-related.
- In secondary schools, there will be some **overlap** between the DCF and Computer Science, for example coding will primarily feature in Comp. Science.

WHAT IS ESTYN'S APPROACH TO THE DCF?

Where schools have tried to be **creative and imaginative** in drawing on the DCF to develop their practice in ICT for the **benefits of learners**, inspectors will approach innovation in a positive way.

THE DIGITAL COMPETENCE FRAMEWORK

There are **4 strands**:

- 1 Citizenship**, which includes:
 - identity, image + reputation
 - health + wellbeing
 - digital rights, licensing + ownership
 - online behaviour + cyberbullying
- 2 Interacting + Collaborating** which includes:
 - Communication
 - collaboration
 - storing + sharing
- 3 Producing**, which includes:
 - planning, sourcing + searching
 - creating
 - evaluating + improving
- 4 Data + Computational Thinking** which includes:
 - problem solving + modelling
 - data + information literacy

WHY DO WE NEED IT?

The need for a comprehensive DCF was a key recommendation of Professor Donaldson's report 'Successful Futures', where it is noted that digital competence is as important as literacy + numeracy.

HOW IS THE DCF STRUCTURED?

- The DCF has **year on year** progression statements, similar in structure to the National Literacy + Numeracy Framework (LNF).
- It is designed to recognise that not all children progress in the same way, but the **statements** provide clarity about learner progress for planning purposes.
- Some learners will progress further or faster in some aspects than in others and that **learning** will often span several years.

#teachmetuesday

Info from: learning.gov.wales

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

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Amcanion Dysgu

1. Defnyddio offer AI i greu cymeriad digidol.
2. Cyfuno delweddau a llais i greu fideo byr yn cyflwyno gwers.
3. Myfyrrio ar sut y gall AI wella ymgysylltiad wrth addysgu.
4. Trafod goblygiadau moesegol ac addysgol AI.

Learning Objectives

1. Use AI tools to create a digital character.
2. Combine visuals and voice to make a short lesson intro video.
3. Reflect on how AI can enhance engagement in teaching.
4. Discuss ethical and pedagogical implications.



Gweithgaredd Cychwynnol: Ysbrydoliaeth Allan ac Amdano

Meddyliwch am eich ymweliadau yn Abertawe (Traeth, Amgueddfa, Amgueddfa Glan y Dŵr). Pa stori neu wers allai ddod o'ch profiad? Defnyddiwch Padlet i rannu eich syniad.



Starter: Out and About Inspiration

Think back to your Swansea visits (Beach, Museum, Waterfront). What story or lesson could emerge from your experience? Use Padlet to share your idea.

GRWP A

<https://padlet.com/lauraemanuel/breakout-room/jzJX4EOgmLongbnO-d1AGbWGW34g1bR7y>

GROUP B

<https://padlet.com/lauraemanuel/breakout-room/DKrG4njBVEz641y3-d1AGbWGW34g1bR7y>

GROUP C

<https://padlet.com/lauraemanuel/breakout-room/Arng4ML50dQNvK6p-d1AGbWGW34g1bR7y>

GROUP D

<https://padlet.com/lauraemanuel/breakout-room/eXwgvw597Lye2ybR-d1AGbWGW34g1bR7y>

GROUP E

<https://padlet.com/lauraemanuel/breakout-room/nRxeqrnnoxGM7q56P-d1AGbWGW34g1bR7y>

GROUP F

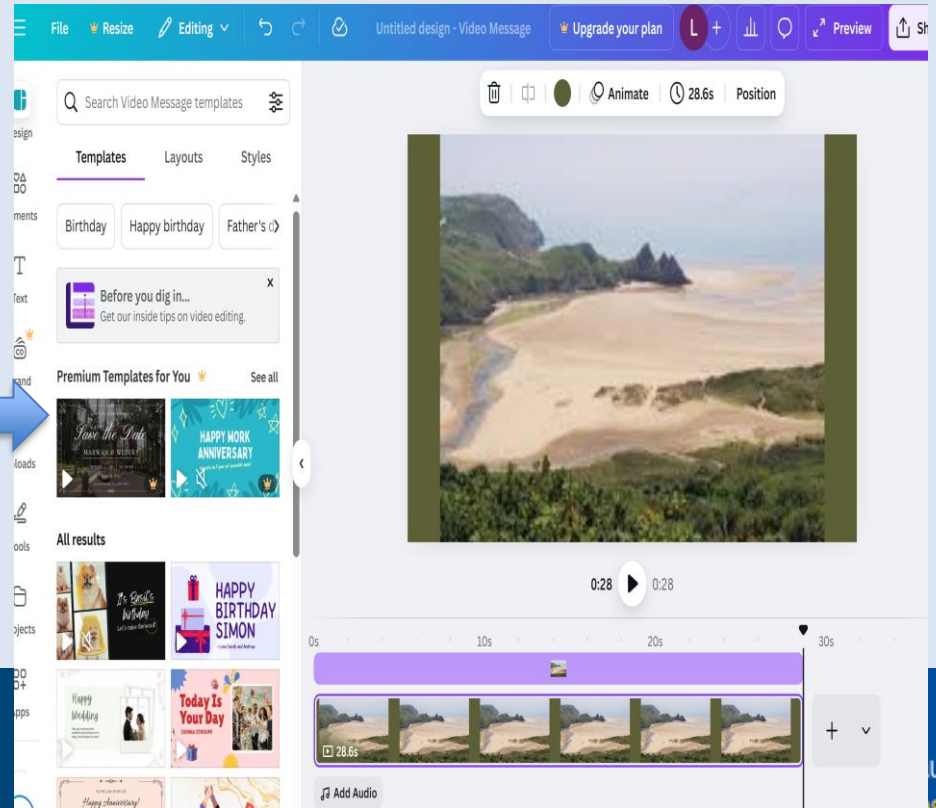
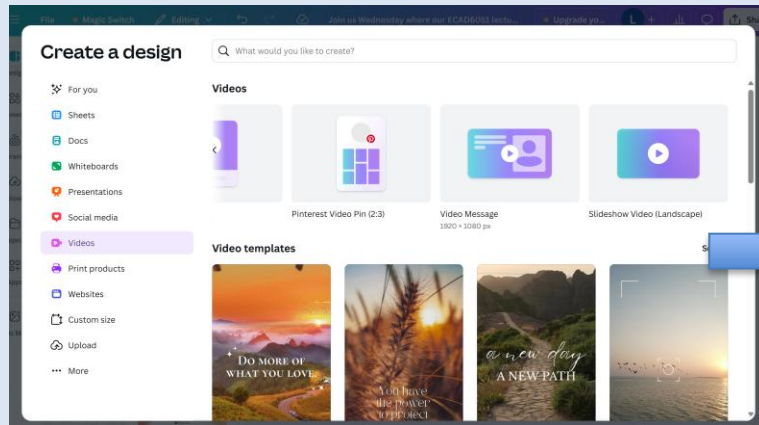
<https://padlet.com/lauraemanuel/breakout-room/E1Xd49NI9rrn2GJr-d1AGbWGW34g1bR7y>

Cam 1: Adeiladu'ch Golygfa

Dewiswch gefndir (amgueddfa, traeth, ystafell ddosbarth).
Defnyddiwch Canva neu CapCut i osod eich cymeriad ar y cefndir. VIDEO MESSAGE.

Step 1: Build Your Scene

Choose a background (museum, beach, classroom). Use Canva or CapCut to layer your character on top. VIDEO MESSAGE.

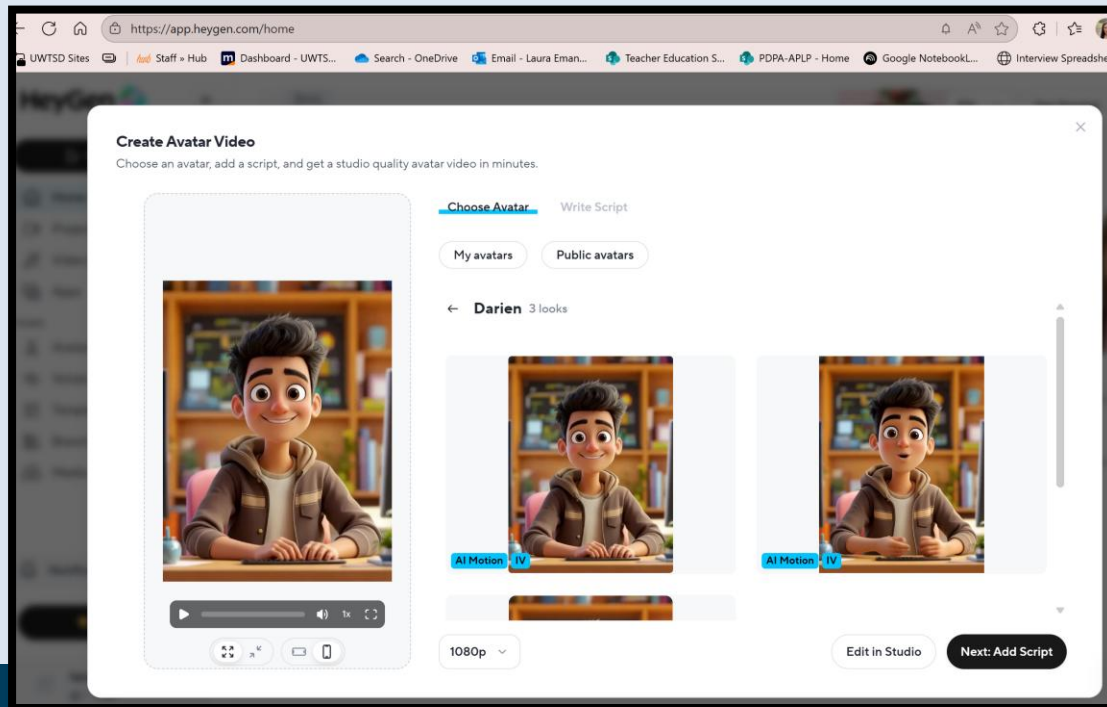


Cam 2: Creu Cymeriad

Defnyddiwch HEYGEN Bing Image Creator, Canva, neu Remove.bg i ddylunio eich cymeriad. Gall hwn fod yn chi eich hun, ffigwr hanesyddol, neu fasnog sy'n gysylltiedig â thema'r wers.

Step 2: Create a Character

Use HEYGEN Bing Image Creator, Canva, or Remove.bg to design your character. This could be yourself, a historical figure, or a mascot linked to your lesson theme.

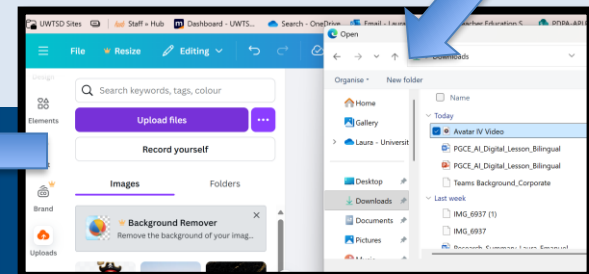
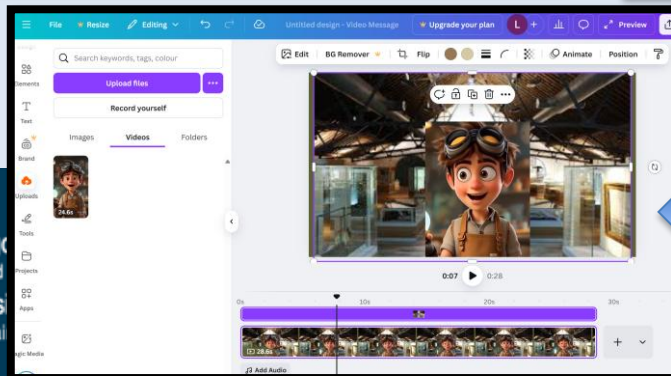
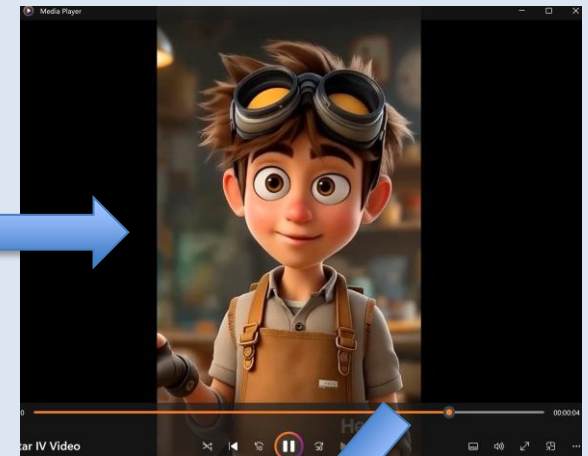
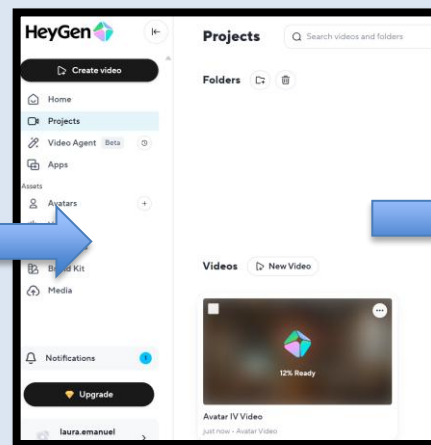
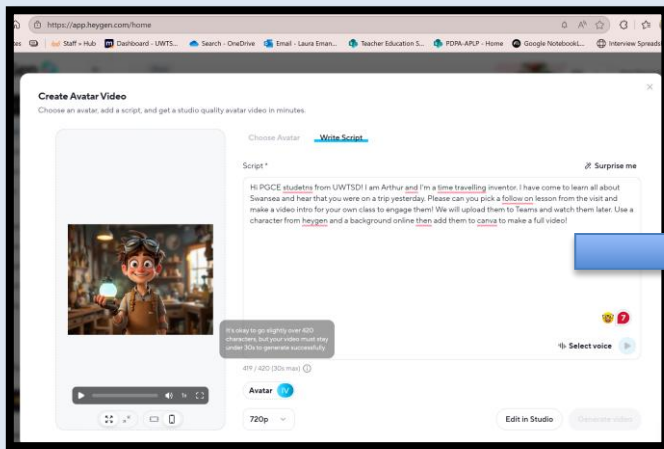


Cam 3: Recordio neu Animeiddio Eich Cyflwyniad

Creu fideo un funud yn cyflwyno eich gwers ddychmygol.
Defnyddiwch Canva Video, Flip, neu HeyGen. Enghraifft: 'Helo, fi yw Capten Copr, ac heddiw byddwn yn archwilio gorffennol diwydiannol Abertawe!'

Step 3: Record or Animate Your Introduction

Create a 1-minute video introducing your imagined lesson. Use Canva Video, Flip, or HeyGen. Example: 'Hi, I'm Captain Copper, and today we'll explore Swansea's industrial past!'





Cam 4: Rhannu a Myfyrio

Uwchlwythwch eich fideo i TEAMS. Gwylwch waith eich cyfoedion a meddyliwch: Sut gall dweud straeon digidol wella ymgysylltiad a dysgu?



Step 4: Share and Reflect

Upload your video to TEAMS. Watch your peers' work and consider: How can digital storytelling enhance engagement and learning?

Documents > General > ECAD6051 Cynradd Primary > IAN A LAU - FIDEOS AI		
 Name ▾	Modified ▾	
 1 GRWP A	About a minute ago	
 GROUP B	About a minute ago	
 GROUP C	About a minute ago	
 GROUP D	A few seconds ago	
 GROUP E	A few seconds ago	
 GROUP F	A few seconds ago	

Estyniad Dewisol

Ysgrifennwch fyfyrddod byr yn cysylltu eich profiad â'r Safonau Proffesiynol ar gyfer Addysgu ac Arweinyddiaeth. Ystyriwch sut y gall AI gefnogi dysgu creadigol a chynhwysol yn eich ystafell ddosbarth.

Ymgysylltiad â'r llenyddiaeth

Pa ffynonellau allwch chi ddod o hyd iddynt i gefnogi neu herio eich pwyntiau? Beth mae eich darllen ehangach yn ei ddysgu i chi?

Gwybodaeth a dealltwriaeth

Gwybodaeth a dealltwriaeth o'r cysyniadau a'r egwyddorion sylfaenol sy'n sail i'r pwnc.

Sgiliau gwybyddol a deallusol

Defnyddiwch resymeg, dadl a barn i fod yn feirniadol yn y dull hwn – beth aeth yn dda? Beth na aeth yn dda?!

Sgiliau ymarferol

Cysylltwch eich "hook" â'r syniad a ddewiswyd a defnyddiwch y offer i'w ddod â hi'n fyw.

Sgiliau trosglwyddadwy ar gyfer bywyd a ymarfer proffesiynol

Gallwch gwblhau tasgau a gweithdrefnau: defnyddiwch gyfryngau priodol i gyfathrebu; gallwch roi cynnig ar bethau a datrys problemau!

Optional Extension

Write a short reflection linking your experience to the Professional Standards for Teaching and Leadership. Consider how AI could support creative, inclusive learning in your future classroom.

Engagement with literature

What sources can you find to support or argue with your points? What does your wider reading teach you?

Knowledge and understanding

Knowledge and understanding of the basic underlying concepts and principles of the subject.

Cognitive and intellectual skills

Use logic, argument and judgement to be critical in this approach – what went well? What didn't?!

Practical skills

Link your hook to your chosen idea and use the tools to bring it to life.

Transferable skills for life and professional practice

Able to complete tasks and procedures: use appropriate media to communicate; able to have a go and problem solve!

Myfyrddod Terfynol

Sut allech chi ddefnyddio offer AI i ysbrydoli chwilfrydedd a chreadigrwydd yn eich ystafell ddosbarth? Beth ydych chi wedi'i ddysgu heddiw am ddefnyddio AI yn foesegol ac yn burpasol?

Closing Reflection

How might you use AI tools to inspire curiosity and creativity in your classroom? What have you learned about ethical, purposeful AI use today?

Two Stars and a Wish



I like...
I enjoyed...
I learned...
I used....
I wrote/said/read...
I'm proud of myself because....
I would like...
....was difficult.
I tried to use...
I would like help with.....



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DIOLCH YN FAWR!