




Technoleg / Technology 1 – Alun Thomas

Pynciau Traddodiadol – Traditional Subjects

Gwyddoniaeth;
Dylunio a Thechnoleg;
Technoleg Gwybodaeth

Science;
Design and Technology;
Information Technology

(dysgwyr uchelgeisiol, galluog)
cael gwybodaeth a
dealltwriaeth dda
o gysyniadau allweddol mewn
gwyddoniaeth; datblygu sgiliau
mewn arsylwi, ymchwil a
meddwl yn feirniadol; dysgu
sgiliau er mwyn defnyddio
technolegau'n greadigol

(ambitious, capable learners)
gaining a solid base of
knowledge and understanding
of key concepts in science;
developing skills in observation,
research and critical thinking;
becoming skilled in the creative
use of technologies

(cyfranwyr mentrus, creadigol)

cynllunio prosesau a chreu cynhyrchion ac eitemau digidol; cydweithio ag eraill i ddatblygu datrysiadau dyfeisgar a chreu nwyddau ar gyfer y farchnad

(enterprising, creative contributors)

designing processes and creating digital products and objects; working with others to develop novel solutions and to create products for the marketplace

(dinasyddion egwyddorol, gwybodus)

gwerthuso effaith datblygiadau gwyddonol a thechnolegol; mabwysiadu safbwyntiau personol gwybodus ar faterion moesegol sy'n gysylltiedig ag arloesedd gwyddonol a thechnolegol

(ethical, informed citizens)

evaluating the impact of scientific and technological developments; taking informed personal stances on ethical issues associated with scientific and technological innovation

(unigolion iach, hyderus) dysgu i ddefnyddio data gwyddonol i asesu risg a gwneud penderfyniadau ar sail gwybodaeth; defnyddio technolegau digidol yn ddiogel gan barchu pobl eraill.

(healthy, confident individuals)

learning to make use of scientific data to assess risk and take informed decisions; using digital technologies safely and with respect for others.

Ffocws y sesiwn

- 1) Datblygiad Technoleg
- 2) Diogelwch:
Moeseg ac e-ddiogelwch
- 3) Creadigol gan ddefnyddio
Technoleg – Creu cynnyrch
digidol

Session Focus

- 1) Technological development
- 2) Safety:
Ethical and e-safety
- 3) Creativity using Technology –
Produce a digital resource

Diddordeb yn y Maes
Gwyddonieth a
Thechnoleg?

Interest in the area
of Science and
Technology?

**Datblygiad
Technoleg**

Yn eich barn chi, ble fydd y
maes datblygiad technoleg
nesaf gall newid ein bywydau'r
fwyaf a pham?

**Technological
Development**

In your opinion, which area of
technology development will
change our lives the most and
why?

Pŵer Glan

Clean Power

Batri gall ail-lenwi'n
gyflym dros cyfnod
amser hir

Battery that can
recharge quickly and
last over a long
period of time

Pŵer Glan

Clean Power

Ffatri pŵer
ymdoddiad:
Creu pŵer yn yr un
ffordd a'r haul, llai o
wast ymbelydrol.

Fusion power plants:
Creates power in the
same way as a star,
less radioactivity and
radioactive waste.

Newyddion dros yr
haf wnaeth dwyn
eich sylw chi?

Any news over the
summer that
grabbed your
attention?

Newyddion
Technoleg?

Technology related
news?

BREXIT – UE / EU

Prydain yn fabwysiadu cyfraith
Ewropeaidd / Britain will adopt
European law in great repeal bill

DDD - Rheoliad
Diogelu Data
Cyffredinol
Mai, 2018

DPA – [General Data
Protection
Regulation](#)
May, 2018

Fall in the number of girls
taking A-Level & GCSE
Computer Science in
England – [BBC, 2017](#)

2040 – Ceir yn Brydain / Cars in Britain

Ceir petrol a disel
ddim ar werth ym
Mhrydain – 2040
BBC, 2017

Petrol and diesel cars
will not be sold in
Britain – 2040
[BBC, 2017](#)

Technoleg / Technology

Mae angen wedi gyrru
datblygiadau yn
dechnoleg. Roedd
rhyfel yn yrrwr enfawr
mewn datblygiadau yn
y maes gwyddonol a
chyfrifiadura.

Need has always
driven technology.
Wars were always a
driver and saw leaps
in technology both in
science and
computer science.

Technoleg / Technology

Nid ryfel yw'r gyrrwr
nawr. Gwell safon o
fyw a goroesiad ar
ein planed bydd
gyrrwr technoleg y
dyfodol.

Now war is not the
driver. A better way
of life and survival on
our planet is the
future driver that
should develop
technology.

E-ddiogelwch / E-Safety

Y tri C:
Camddechongli
Camsyniad
Camdrafod

Naif

The three Ms:
Misconstrued
Misconception
Manipulate

Naive

E-ddiogelwch / E-Safety

Y Byd ar-lein

The online World

Trafodwch y
peryglon ar-lein,
engrheifftiwch.

Discuss the online
dangers,
Give examples.

E-ddiogelwch / E-Safety

Peryglon Rhwydweithio
Cymdeithasol,

Social Networking Dangers,

Cyberfwlio,

Cyberbullying,

Firysau,

Viruses,

Cyfathrebu,

Communication,

E-ddiogelwch / E-Safety



Where's Klaus?

E-ddiogelwch / E-Safety



Jigsaw for 8-10 year olds CEOP

E-ddiogelwch / E-Safety

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?

E-ddiogelwch / E-Safety



Anti-Bullying week Cyber Bullying video

Cynnyrch Digidol / Digital Product

Beth yw cynnyrch digidol?	What is a digital product?
Amlgyfrwng?	Multimedia?
Meddalwedd?	App?
Beth fydd eich ffocws chi?	What will be your focus?

Amlgyfrwng / Multimedia

Beth allwch greu?	What can you create?
Llun;	Picture;
Sain;	Sound;
Fideo	Video

Fideo / Video

Pa fath o gynnwys gallwch gynhyrchu?	What kind of content could you produce?
Addysgol;	Educational;
Adloniant	Entertainment

Mewn grŵp bach / In a small group

Cynhyrchwch "Vlog"
er mwyn cyflwyno:

Arfer da;

Cyflwyniad sut mae
gwneud;

Fideo sbri gall cyfleu
gwybodaeth

Produce a Vlog in
order to present:

Good practice;

How to
demonstration;

A fun video that
presents information
