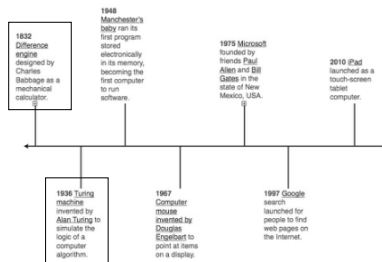


Mathemateg a Chymhwysedd Digidol Mathematics and Digital Competence

Hanes o gysylltiad rhwng
mathemateg a chyfrifiadura

History between
mathematics and computing



Mathemategwyr oedd
Babbage a Turing

Babbage and Turing were
Mathematicians

Mae'r system cyfrifiadura
wedi sefydlu ar yr hen
system o "punch cards" ble
mae 0 neu 1 yn cyflawni
data.

Our system of computing
is based on "punch cards"
where they are on or off 0
or 1 representing data.

h.y. beth yw'r swm yma?
 $101 + 001 = 110$ Cyfrifiadur
 $5 + 1 = 6$ Ni

What is this sum?
 $101 + 001 = 110$ Computer
 $5 + 1 = 6$ Us

Mae yna gyswllt agos wedi bod rhwng mathemateg a chyfrifiadura. A fedrwch chi wneud cyswllt rhwng gweithgareddau posib ble gall Cymhwysedd Digidol cefnogi mathemateg?

There has always been a close link between mathematics and computing. Could you make possible links to activities where Digital Competence could support mathematics?

Hwb



<https://dysgu.hwb.gov.wales/go/bzw6l5>

Gweithio o fewn grŵp penodol i'ch cyfnod arbenigol / Working within your group for your defined phase specific expertise

Trefnwch syniadau a chysylltwch at ddogfennaeth benodol. Gwnewch gysylltiadau at y Fframwaith Cymhwysedd Digidol a sut gall y defnydd o dechnoleg cyfoethogi dysgu'r plant.

Organise ideas and link to specific documents. Make connections to the Digital Competence Framework and how the use of technology can enrich the children's learning.

Defnyddiwch Hwb / Use Hwb

Defnyddiwch Hwb - Class i liwio'ch syniadau fel trosolwg a chyfeiriwch yn benodol i agwedd gallwch ddatblygu'n bellach. Ystyriwch y syniad yma'n fanylach a datblygwch gyfleoedd i adolygu'n feiriadol h.y. cryfderau'r gweithgaredd, heriau gallwch ddod ar draws, manteision dysgu ar gyfer y plant

Use Hwb - Class to draft an overview of ideas but refer specifically to an aspect you would like to explore further. Refine this idea and look at the possibilities of reflecting critically e.g. strength of the activity, the challenges that you could encounter, how the learning opportunities would be advantageous for the children.

Datblygu syniad / Develop an idea

- | | |
|--------------------------|-----------------------------|
| • Thema | • Theme |
| • Oedran | • Age range |
| • Gweithgareddau | • Activities |
| • Adnoddau | • Resources |
| • Agwedd trawswricwlaidd | • Cross-curricular approach |

Datblygu syniad / Develop an idea

Gall y gweithgaredd yma'ch helpu chi i gychwyn ystyried eich poster!

This activity could help you develop a way forward for your poster!