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Caldicot School  
Ysgol Cil-y-Coed

Case Study	Caldicot School
Address	Caldicot School Mill Lane, Caldicot Monmouthshire, NP26 5XA
Number of students aged 16 – 18 2013/14	



**Case Study: Continuous Professional Development**

**Teacher – Ms Laura Makarek – A Level Mathematics and Further Mathematics**

**Current Teaching – Matrices, Decision 1, Statistics 1 and Statistics 2**

**CPD attended:**

Teaching Further Pure 1 with Confidence – Cardiff University 2014/15  
Big Ideas in A Level Maths (Saturday workshop) February 2015  
Teaching Advanced Topics – South Wales 2015/16

**Reasons for participating in Further Maths Continuous Professional Development:**

Mainly for professional reasons, we have more students interested in Further Maths and wanted to give them the opportunity of studying the full A level, also to learn different techniques and gain a better understanding myself.

I wasn't taught the reasons why things happen in maths. I was always told it is what it is. I didn't want that for my students I think it is important to explain and prove why.

**Experience of the Further Mathematics Professional Development?**

They are very beneficial. It gives you the opportunity to learn new techniques not only from the tutor but from the other teachers on the course. The tutor has excellent notes and is extremely good. It has given me confidence to deliver FP1. I have a better understanding myself so I feel I can give my students a better

understanding. I have extra resources provided by the tutor which I might not have had time to do myself.

The course was extremely well run and the day itself is brilliant. The tutor is really experienced and extremely knowledgeable, not only mathematical, but with exam tips.

Absolutely recommend this course to others. It's a brilliant CPD opportunity with funding in order for you to come so there is really no excuse not to take part.



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Caldicot School  
Ysgol Cil-y-Coed

Achos Astudiaeth Ysgol Cil-y-Coed

Cyfeiriad Lôn y Felin,  
Caldicot  
Sir Fynwy  
NP26 5XA

Nifer myfyrwr  
rhwng 16 – 18  
2013/14



### **Astudiaeth Achos: Datblygiad Proffesiynol Parhaus**

**Athrawes – Ms Laura Makarek – Mathemateg Safon Uwch a Mathemateg Bellach**

**Dysgu Presennol - Matricsau, Penderfyniad 1, Ystadegau 1 ac Ystadegau 2**

#### **DPP fynychwyd:**

Dysgu Pur Bellach 1 yn hyderus – Prifysgol Caerdydd 2014/15

Syniadau Mawr mewn Mathemateg Safon Uwch (Gweithdy dydd Sadwrn) Chwefror 2015

Dysgu Pynciau Uwch – De Cymru 2015/16

### **Rheswm dros gymryd rhan mewn Datblygiad Proffesiynol Parhaus Mathemateg Pellach:**

Yn bennaf am resymau proffesiynol, mae gennym fwy o fyfyrwr sydd â diddordeb mewn Mathemateg Bellach ac roeddwn yn awyddus i roi cyfle iddynt astudio'r Safon Uwch llawn, hefyd i ddysgu gwahanol dechnegau a chael gwell dealltwriaeth fy hun.

Ni chefais fy nysgu y rhesymau pam fod pethau'n digwydd mewn mathemateg. Dwedwyd wrthyf ei fod yr hyn yw a dyna ni. Doeddwn i ddim eisiau yr un fath i'r myfyrwr . Rwy'n credu ei bod yn bwysig egluro a phrofi pam.

### **Profiad Datblygiad Profesiynol Mathemateg Bellach?**

Maent yn fuddiol iawn. Mae'n rhoi cyfle i chi ddysgu technegau newydd, nid yn unig gan y tiwtor, ond gan yr athrawon eraill ar y cwrs. Mae gan y tiwtor nodiadau

rhagorol ac mae'n eithriadol dda. Mae wedi rhoi hyder i mi gyflwyno FP1. Mae gen i well dealltwriaeth fy hun, felly rwy'n teimlo y gallaf roi gwell dealltwriaeth i fy myfyrwyr. Mae gen i adnoddau ychwanegol a ddarperwyd gan y tiwtor na fyddwn wedi cael amser i wneud fy hun.

Cafodd y cwrs ei rhedeg yn dda dros ben ac roedd y diwrnod ei hun yn wych. Mae'r tiwtor yn wirioneddol brofiadol ac yn eithriadol o wybodus, nid yn unig yn fathemategol, ond gyda awgrymiadau ar gyfer arholiadau.

Byddwn yn argymhell y cwrs hwn i eraill yn bendant. Mae'n gyfle DPP gwych gyda chyllid er mwyn i chi fynychu felly nid oes mewn gwirionedd esgus i beidio â chymryd rhan.