



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

Yr Athrofa
Centre for Education
Addysg i Gymru | Education for Wales



Partneriaeth Dysgu Proffesiynol **Yr Athrofa**
Yr Athrofa Professional Learning Partnership

Trawsnewid Addysg Gyda'n Gilydd Transforming Teaching Together

Dyfnhau Arfer:
Mathemateg a Rhifedd

Deepening Practice:
Mathematics and
Numeracy

Sesiwn 5
Session 5



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Sesiwn 5 – Cryfderau Personol

Session 5 – Personal Strengths



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Pa gryfderau sydd angen ar **gydlynnydd** neu **athro Mathemateg a Rhifedd da**?

What strengths does a **good Mathematics and Numeracy co-ordinator or teacher** require?

Trafodwch

Discuss





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**Sut allwn ni datblygu meddwl mathemategol?
Beth yw'r cam mae Shalinee Sharma yn argymhell?
How can we build a math-mind?
What are the 4 steps Shalinee Sharma suggests?**



Hanfodol
Defnyddiol
Ddim Angen

Cyfathrebu Communication

Creadigedd Creativity

Arweinyddiaeth Leadership

Ymwybyddiaeth o Ddata Data Awareness
--

Gweithio fel tîm Teamwork

Dealltwriaeth cryf o Fathemateg Strong Maths Knowledge
--

Osgoi risg Risk-avoidance

Perffeithrwydd Perfectionism

Datrys Problemau Problem Solving

Brwdfrydedd dros Fathemateg Enthusiasm for maths
--

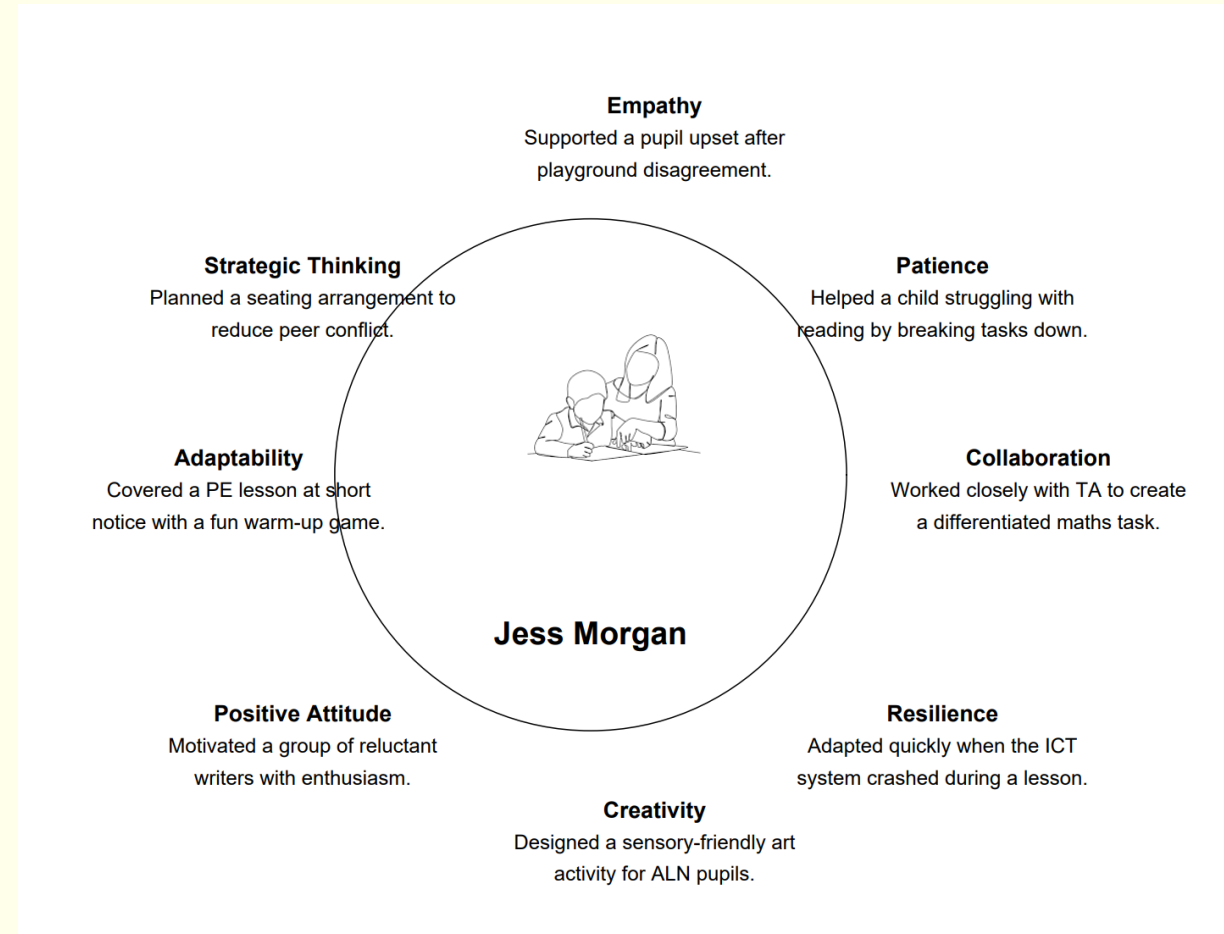
Essential
Helpful
Not Needed



Cryfderau Personol - Personal Strengths

Yn y canol, ysgrifennwch eich enw. O amgylch y canol, ysgrifennwch neu dynnwch eich cryfderau cymeriad cryfaf. Meddyliwch am eich profiadau ar leoliad: pryd ydych chi wedi dangos empathi, gwydnwch, creadigrwydd, cydweithio, ac ati?

In the centre, write your name. Around the outside, write or draw your strongest character strengths. Think about your placement experiences: when have you shown empathy, resilience, creativity, collaboration, etc?



True / False: A Good Maths Coordinator

1. The maths coordinator regularly monitors maths teaching across the school, not just in their own class.
2. A maths coordinator's main role is to ensure everyone follows the same worksheet and scheme exactly. Using pupil work, assessments, and discussions helps the maths coordinator identify strengths and areas for improvement.
3. If pupils are getting the right answers, there is no need to focus on mathematical reasoning or vocabulary.
4. A good maths coordinator supports staff through coaching, modelling lessons, and sharing good practice.
5. Monitoring maths should only happen once a year to avoid putting pressure on staff.
6. The maths coordinator ensures progression is clear across year groups so learning builds logically.
7. It is the maths coordinator's responsibility to fix all teaching issues themselves.
8. High-quality maths teaching focuses on deep understanding, not just speed and accuracy.
9. A good maths coordinator uses assessment information to inform next steps, not to label pupils or teachers.



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Gwir / Ffug: Cydlynnydd Mathemateg Da

1. Mae'r cydlynnydd mathemateg yn monitro addysgu mathemateg ar draws yr ysgol yn rheolaidd, nid yn unig yn eu dosbarth eu hunain.
2. Prif rôl cydlynnydd mathemateg yw sicrhau bod pawb yn dilyn yr un daflen waith a chynllun yn union. Mae defnyddio gwaith disgyblion, asesiadau a thrafodaethau yn helpu'r cydlynnydd mathemateg i nodi cryfderau a meysydd i'w gwella.
3. Os yw disgyblion yn cael yr atebion cywir, nid oes angen canolbwyntio ar resymu mathemategol neu eirfa.
4. Mae cydlynnydd mathemateg da yn cefnogi staff trwy hyfforddi, modelu gwersi, a rhannu arfer da.
5. Dim ond unwaith y flwyddyn y dylai monitro mathemateg ddigwydd er mwyn osgoi rhoi pwysau ar staff.
6. Mae'r cydlynnydd mathemateg yn sicrhau bod dilyniant yn glir ar draws grwpiau blwyddyn felly mae dysgu yn adeiladu'n rhesymegol.
7. Cyfrifoldeb y cydlynnydd mathemateg yw datrys yr holl faterion addysgu eu hunain.
8. Mae addysgu mathemateg o ansawdd uchel yn canolbwyntio ar ddealltwriaeth ddwfn, nid cyflymder a chywirdeb.
9. Mae cydlynnydd mathemateg da yn defnyddio gwybodaeth asesu i lywio'r camau nesaf, nid i labelu disgyblion neu athrawon.