Adults Learning Maths

Supporting adults to develop independent learning skills

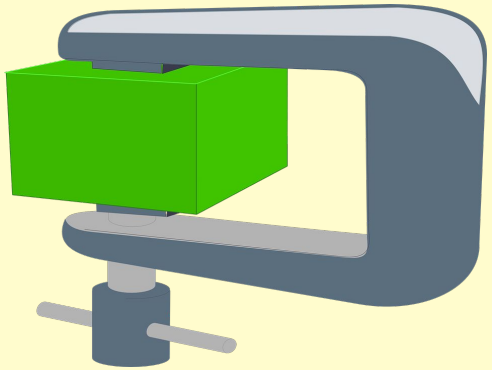
Sue East
Adult Learning Lewisham

Adult Learning Lewisham
London Borough of Lewisham service

The challenge

Functional Skills - developed for 16+
Limited currency
Falling achievement at level 2
Threat to funding

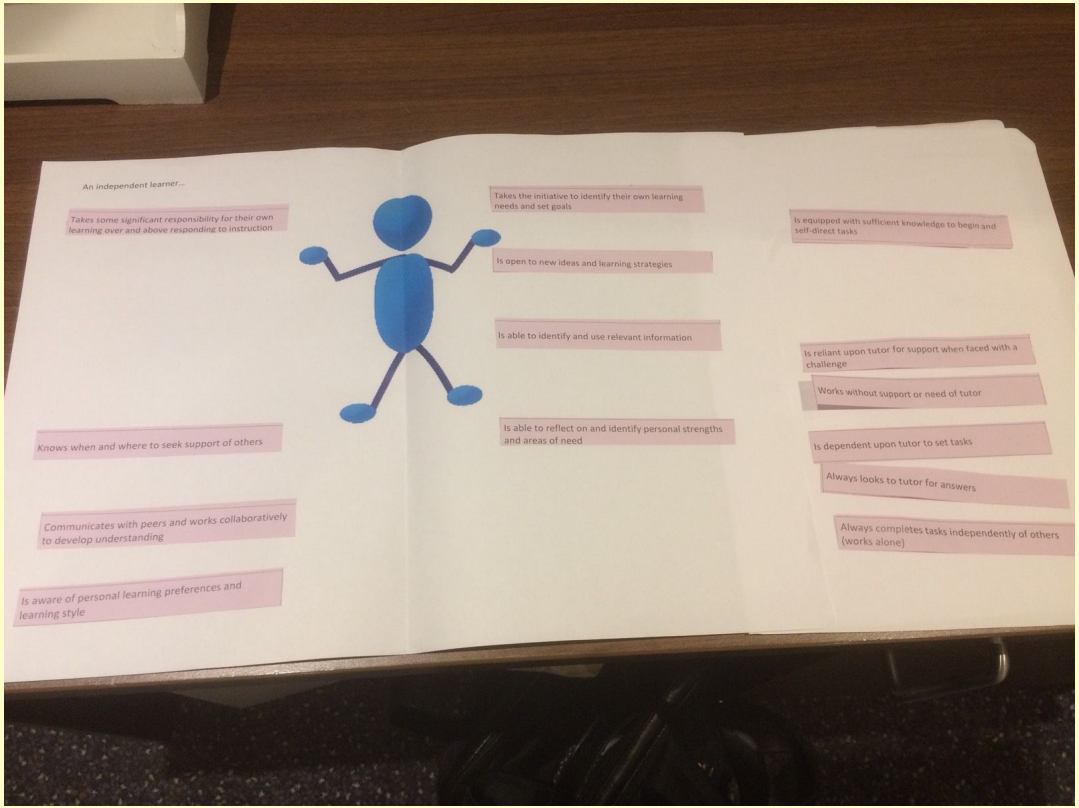
GCSE - school leaver exam
Strong currency
Familiar expectation
High success - grades A-G



Adults returning to study
Unfamiliar topics
Learner aspirations for minimum grade
5 year syllabus in 30 weeks

New 9-1 syllabus from September 2016

What is an independent learner?



Setting the scene

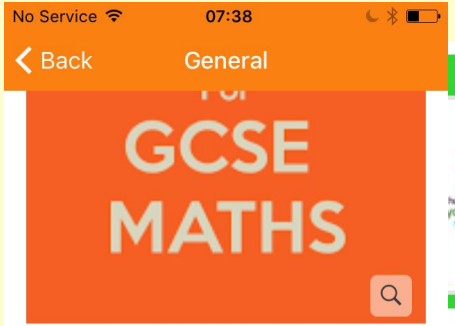
- Course Information
- At Pre-Course Assessment
- Links to resources

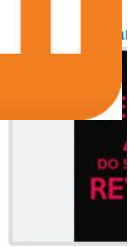
Induction - expectations

- Attendance, Punctuality
- Working together, Respect
- Homework, Study time
- Resources
- Using the internet

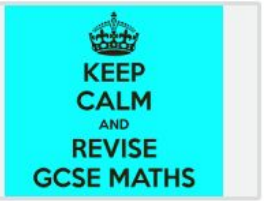
CITIZE
MATHS
Pearso
QUALIFICATIO
YouTube
MATHS
EVERYWHERE
START
mr barton maths.com
Skillswise
Maths
Numbers
Calculation
Measuring
Shapes
Graphs
Fractions
Decimals
Percentages
ONMATHS.COM
Maths Genie
Bitesize
Home
GCSE
Maths
MathedUp!

Adult Learning Lewisham
ALL VLE





GCSE Maths



Classroom

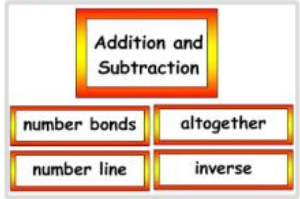
Homework to be completed by next lesson.....
Topic 19 (on iCEL)
Homework/Test set on Mathswatch
Pgs 54 - 83 in the new book

To access MathsWatch.....
Username: learner number@lewisham
i.e. *1000012345@lewisham*
Password: ALL2016

Missed last class? Wish to catch up? ... Check feedback on

Place Value

Addition and Subtraction



Collecting and Recording Data

This week is about how we collect and record data. This is about questionnaires, forms, tally charts etc. In a way it's the boring bit before the interesting bit - **analysing data** and drawing conclusions about it. We'll get onto that in a later lesson.

Video on collecting data

This is the video we watched in class describing data collecting.

Introduction to angles

John took this session, not me so I'm not sure what resources he used with you. But here is some stuff you may find useful!

angles stuff
11 Angles 2D shapes skills worksheet.pdf
11 Angles 2D shapes support 1.pdf

Repository
Features underused

MathsWatch

Clip 154 Negative Indices | One Minute Maths | Interactive Questions | Worksheet

Find a Clip

Qualification: GCSE

Tier: All

Grade: 5

Topic: All

Search:

Choose Clip (24)

Clip	Title
154	Negative Indices
155	Error Intervals
156	Mathematical Reasoning
157	Factorising and Solving Quadratics
158	The Difference of Two Squares
159a	Equation of a Straight Line - y = mx+c
159b	Equation of a Straight Line - Gradient and Co
160	Roots and Turning Points of Quadratics

Edit Class Details | Unlock All Logins | Download Marks | Delete This Class

Average | Above Average | Below Average

Surname	Forename	H48	H49	H50	H51	H52	T1	T2	T3
	Hakima	100%	100%	96%	100%	56%			
	Karima	42%	90%	0%	19%				
	Maria	100%							
	Katarzyna		100%	35%	48%	31%			
	Martin								
	Surat Adelaju			92%					
	Mahilthini	73%	90%	85%					
	Maureen								
	Jackline								
	Talat Jahan Shahbaaz	69%	100%	100					
	Allie								
	Lianne	62%	90%	69%					

Sue East's Classes / 5MAT503BR / H

26 marks out of 26 - 100%

1 2 3 4 5 6 7 8

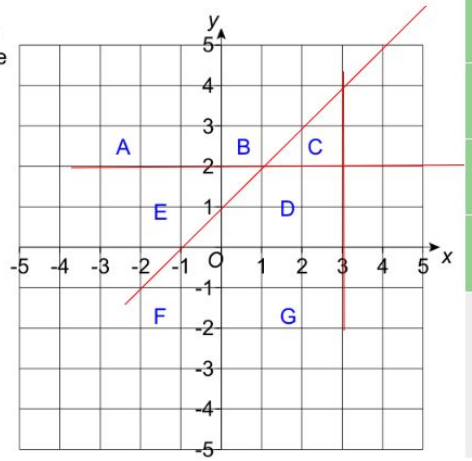
a) On the grid draw lines to show the region satisfied by the three inequalities

$y \leq x + 1$

$y \geq 2$

$x \leq 3$

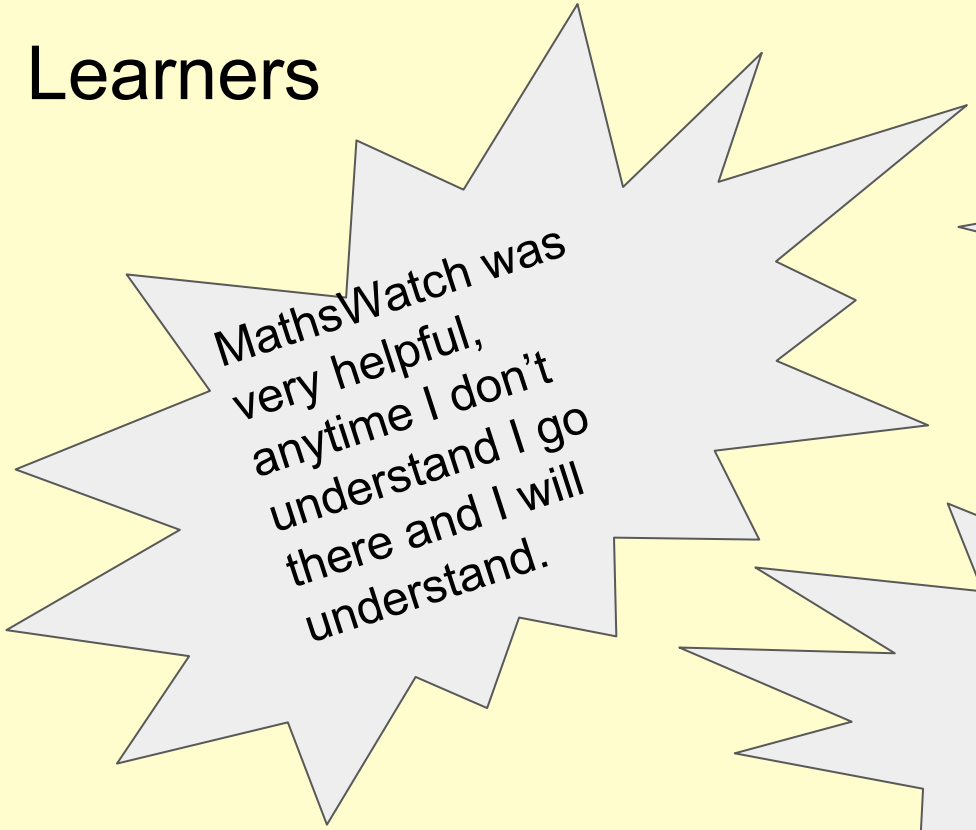
b) Which letter (A to G) is in the region satisfied by the three inequalities?

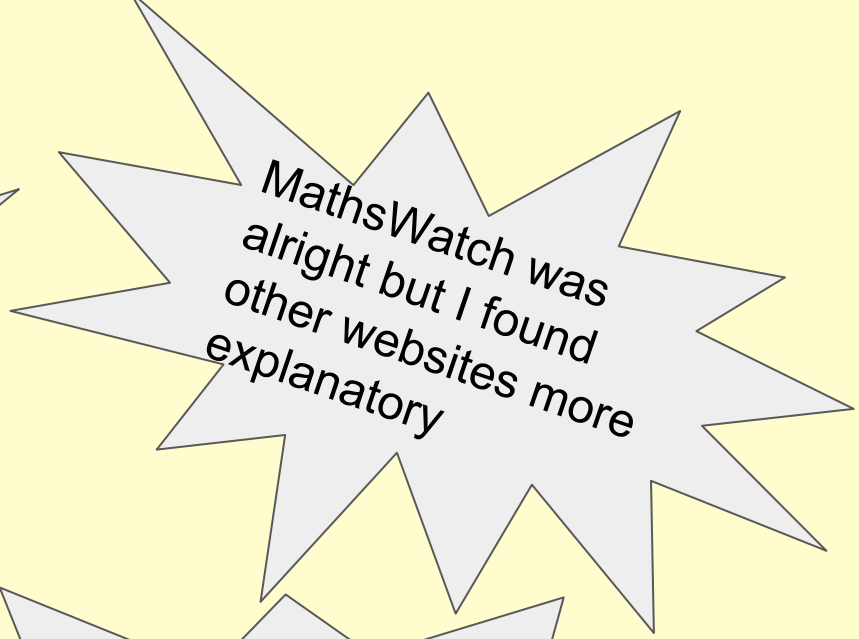


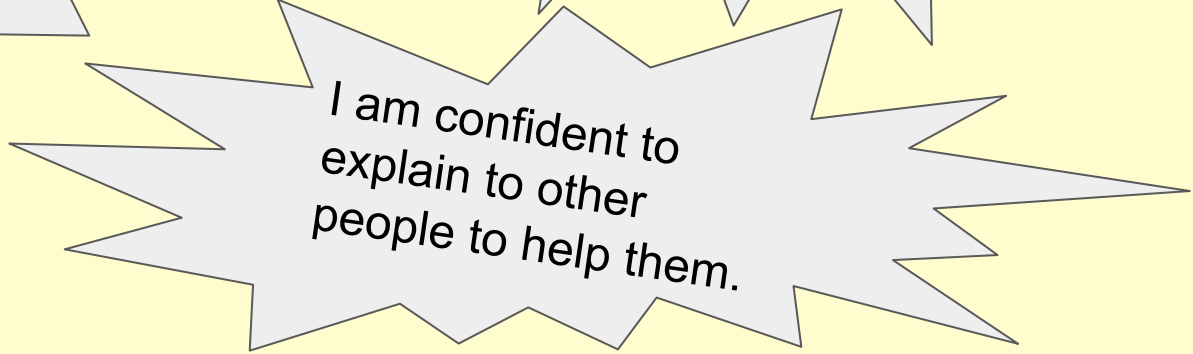
Answers - Marks 4 out of 4

b) C

Learners


MathsWatch was very helpful, anytime I don't understand I go there and I will understand.

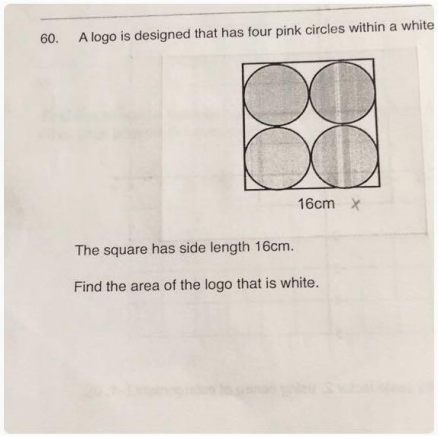

MathsWatch was alright but I found other websites more explanatory


I am confident to explain to other people to help them.

EE 19:37 52%

GCSE Maths!
Ann marie, Anyetemi, Beverley, Caroline, Emerli...

Beverley King



Please could some help me with Q60 19:33

Is this 19:33

Oops someone 19:34

Anyetemi Helen

The boss is typing 19:36

😀😀

EE 19:38 52%

GCSE Maths!
Ann marie, Anyetemi, Beverley, Caroline, Emerli...

I'll let you finish Helen 19:37 ✓✓

Anyetemi Helen

No I know how to work it out but she might not understand how I will explain it😀 19:38

Give it a go Helen 👍 19:38 ✓✓

Anyetemi Helen

Fin the area of each circle 19:38

Beverley King

I'm still lost 360/4=90 19:42

Anyetemi Helen

The diameter of each circle is 8 to get the 8 divide 16 by 2. Then 8÷2=4 area=pie r square then multiple the first circle area by 4 because there are 4circles then subtract it from the area is the square 19:42

EE 19:38 52%

GCSE Maths!
Ann marie, Anyetemi, Beverley, Caroline, Emerli...

I don't know if am correct 😀 19:43

That is correct Helen 👏 19:44 ✓✓

Anyetemi Helen

😀😀👍👍 19:44

Bev are you ok with Helen's comment? 19:45 ✓✓

Anyetemi Helen

I thought I was wrong wasn't sure 19:45

Beverley King

So is the answer 34.3 19:49

Pie X4X4=50.2654 19:50

Ok, that's the area for 1 pink circle, but you have 4 of them... 19:52 ✓✓

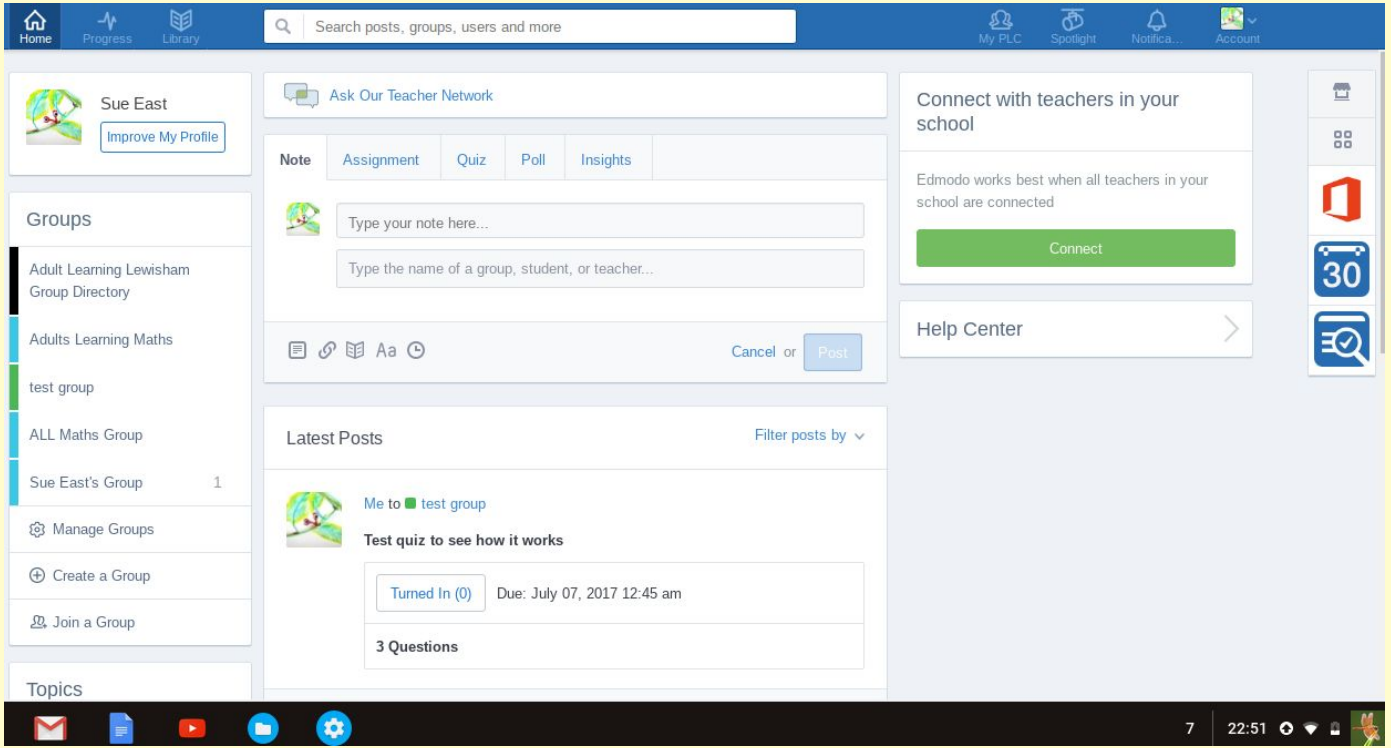
Beverley King

GCSE Maths!
Ann marie, Anyetemi, Beverley, Caroline, Emerli...
Beverley King
50.2654 X 4=201.0616 19:53
19:54
Now, don't forget the area of the square and take them away 19:55
Beverley King
fx-85GT PLUS
NATURAL-V.P.A.M.
Ans-256
SHIFT
ALPHA
REPLAY
Abs
20:01
I am confident to explain to other people to help them.
Helen
GCSE Maths!
Ann marie, Anyetemi, Beverley, Caroline, Emerli...
Beverley King
fx-85GT PLUS
NATURAL-V.P.A.M.
TWO WAY POWER
Ans-256
-54.93807017
SHIFT
ALPHA
MODE SETUP
ON
GCSE Maths!
Ann marie, Anyetemi, Beverley, Caroline, Emerli...
That's it Bev, but it should have been the bigger number takeaway the smaller one so the answer is positive! 20:02
Apart from that, well done 20:03
The question didn't specify any rounding in your answer so round to 1 or 2 dp as you prefer. 20:04
Beverley King
So why is it a negative number on the calculator? 20:04
256-201.06= 54.94 20:05
That's better 20:05
An area would always be positive not negative 20:06
Beverley King
Thank you both 20:06

Problem Solution?

edmodo

No personal info.
Familiar
Add photographs, files and links
Quizzes
Polls
Assignments
Calendar / events
Learning network



The future

Further development of independent learning within and beyond classroom

Links between engagement outside of class and
- retention
- exam results
- destination