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
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!

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

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

Repository Features underused
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?
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.
Beverley King

60. A logo is designed that has four pink circles within a white square. The square has side length 16cm. Find the area of the logo that is white.

Please could some help me with Q60

Is this

Oops someone

Anyetemi Helen

I'll let you finish Helen

No I know how to work it out but she might not understand how I will explain it 😊

Give it a go Helen 🙌

Fin the area of each circle

Beverley King

I'm still lost 360/4=90

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 4 circles then subtract it from the area of the square

That is correct Helen 🍒

Anyetemi Helen

Bev are you ok with Helen's comment?

Anyetemi Helen

I thought I was wrong wasn't sure

Beverley King

So is the answer 34.3

Pie X4X4=50.2654

Ok, that's the area for 1 pink circle, but you have 4 of them...
I am confident to explain to other people to help them. Helen
Problem: No personal info. Familiar
Solution: 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