

Teaching and Learning

Newsletter

LDEUTC

08-2-2021

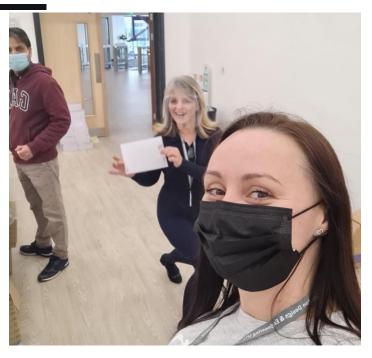
REMOTE LEARNING PACKS

This term we sent out learning packages to all year groups.

We sent books, pens, paper and any other resources which would support their remote learning.

This would not have been possible without the fantastic support team.

A huge thank you to Josh, Carla, Hitesh, James W. Jonathan, Jolanta, Gill and everyone else who was involved in making this happen!









First 5-7mins of the lessons, should be something which is very simple for the learners to do, it will provide them with a sense of achievement, try introducing a quick quiz/poll through Microsoft forms.

Whiteboard activity using https://whiteboard.fi/

Your role:

Keep a running commentary of who is doing well – say the learners names, this will make them feel acknowledged.

Keep instructions clear, direct and simple

You will vary your approach to suit the subject, this may include:

- modelling through pre-recorded videos,
- the use of Teams whiteboard,
- Having pre-made completed tasks

Have pause points – to allow learners to process information.

CHECK-IN

REMOTE LEARNING

We started the term by adapting strategies within our learning cycle to meet the needs of remote learning.

We focused on high quality instruction and questioning to ensure we have high levels of participation within the lessons.



Vibrant classroom culture has to be built online

Show me: 'take two minutes to develop your answer in the chat, I will tell you when to hit send' Followed by

'Wow great responses' (add to it as appropriate and give others a chance to read)

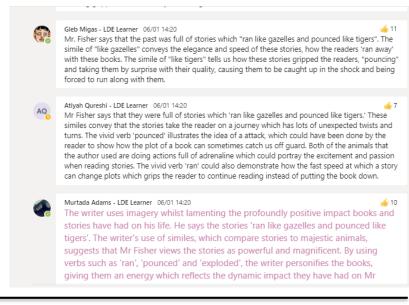
Speed questioning —"For this question — when I say GO - I would like to answer the questions in the chat box as fast as you can".

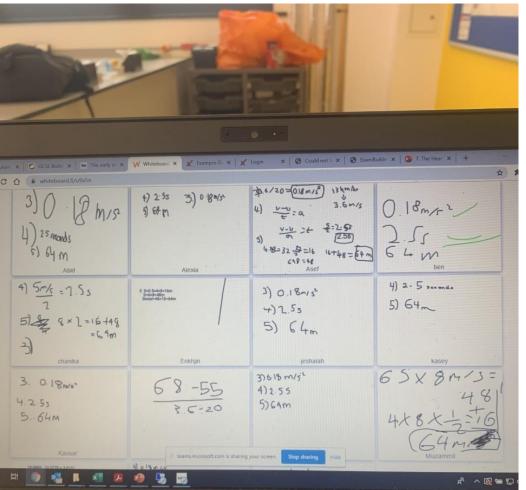
Cold call –use for operational questioning, based off the chat taking place. Followed by: "in 1minute I will ask you to build on that answer"

Use narrated wait times prior to expecting an answer to allow learners to process their thoughts.

"I pose a question and then ask the learners to use the chatbox to draft and edit their extended paragraph. I give them a set time and only when the time is up are they asked to press enter. All their responses appear at once (meaning I can assess how everyone is getting on, rather than the speedy few or those that rely on replicating someone else's answer). I then ask them all to read one another's and use the thumbs up (like) button when they think a response is effective. We then discuss the most liked responses together. Here's an example:"

Kate Kelly, Lead Practitioner -English





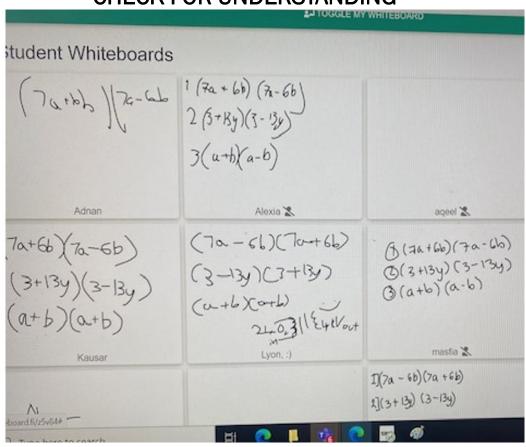


Mini Whiteboards

As demonstrated by Adam Masheter – Science and Halima Begum – Maths.

The use of digital whiteboard to check for whole class understanding and increase means of participation.

CHECK FOR UNDERSTANDING



Plan questions in advance

Standardise <u>show</u> <u>me</u> format i.e. '3-2-1show me'

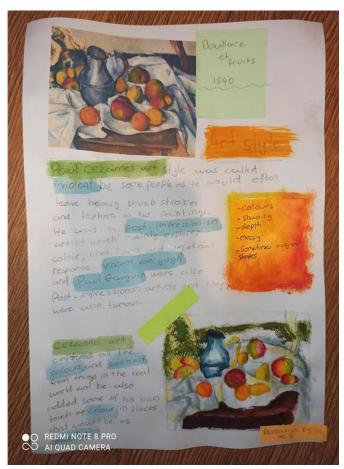
Scan boards from your screen

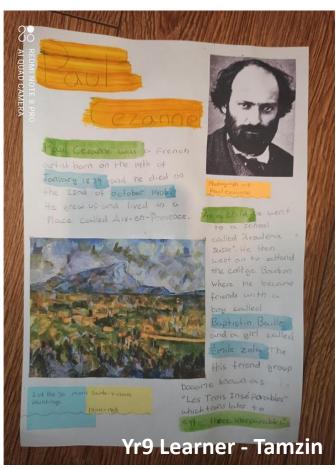
Approximate class understanding



ART - YEAR 9

Ishai Rimmer joined us during a national lockdown and he jumped straight in. Some great work by year 9 learners on their artist research!



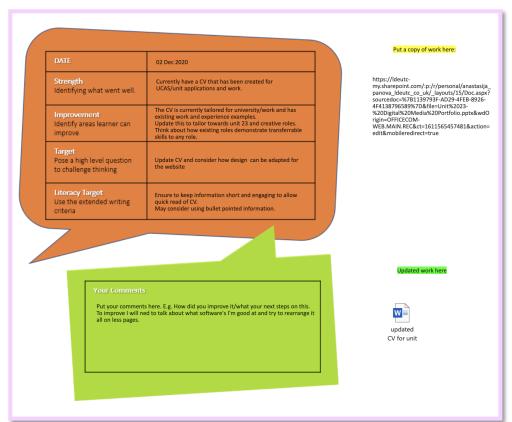






The Digital faculty have incorporated our feedback structure – these allow learners to specifically identify areas of development.

By consolidating their response through their very own green e-sticker.



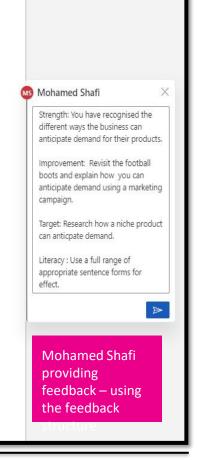


Activity 6: Principles and Purposes of Marketing - Anticipating Demand

Amazon echo: We should analyse the past marketing campaigns of our competitors to see what we can improve in our marketing campaign to make it stand out from all our competitors. Then we should create a marketing campaign which involves ads which show all the feature that it comes with and make our brand stand out more as this will make customers more excited for the product.

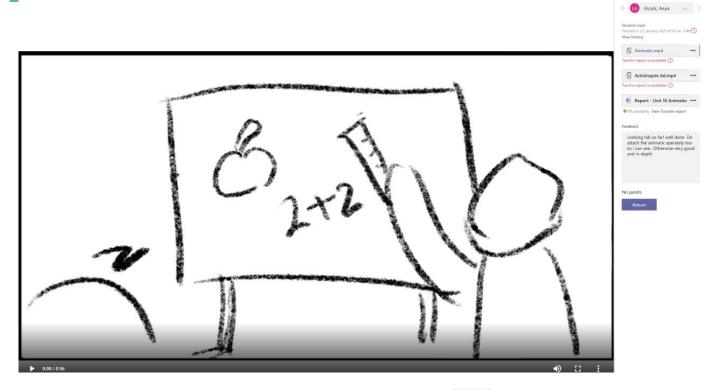
Lawnmower: we should look at the biggest competitors and analyse their previous marketing campaigns so that we can make our one better and stand out more. Also analyse the demand for our competitor's product as this will allow was to make an estimate of what type of demand, we are going to receive for our product. We should then make adverts which show how the product works and how it is meant to be used so that the customers are informed on what they will be able to gain with our product.

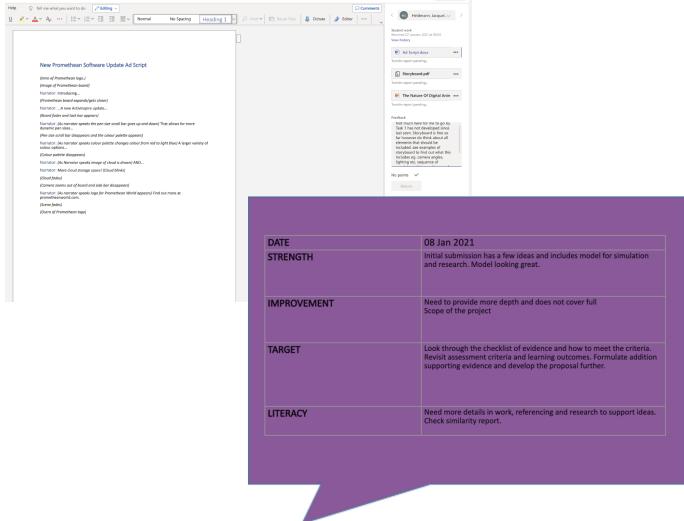
Football boots: we should automatically create a big marketing campaign as the football market is huge which means we will have a lot of competitors. However, to show the customers why they should buy our boots we could contact some football athletes so that they can test the football boots and be part of the advert as automatically their fan base will want to buy our football boots as one of their favourite players used them and promoted them.



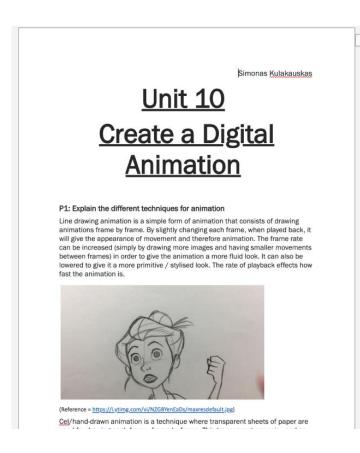


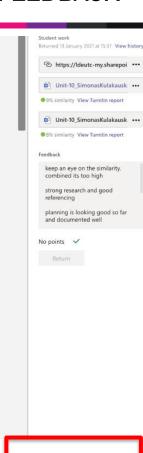
Learners submit their work through Teams assignment and the teacher provides comments through the feedback box.

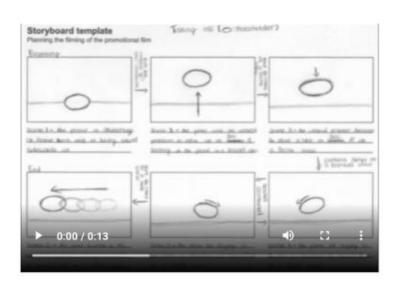


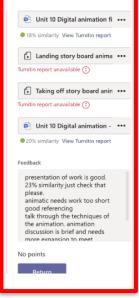


DIGITAL FEEDBACK







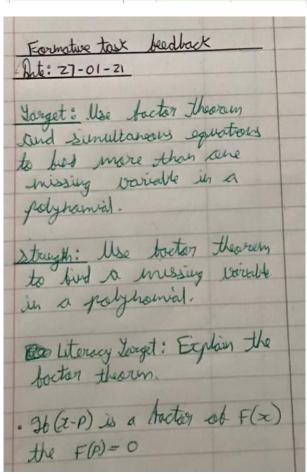


Learners are asked to submit work, and feedback is given through the assignment box.

The detailed feedback allows learners to make good progress.

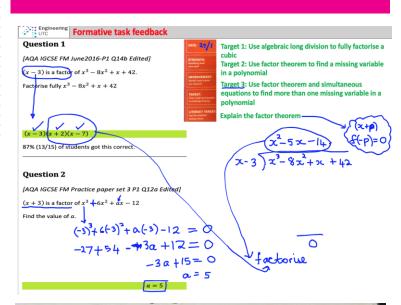
MATHS

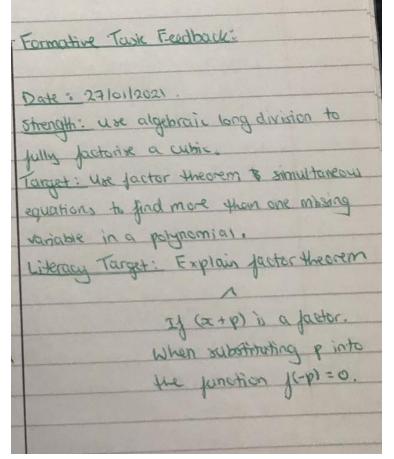
	Task: Formative task C	hapter	7	
		Total	Q1: [AQA IGCSE FM June2016-P1 Q14b Edited] (x-3) is a factor of x^3-8x^2+x+42. Factorise fully	Q2: [AQA IGCSE FM Practice paper set 3 P1 Q12a Edited] (x+3) is a factor of x^3+6x^2+ax-12 Fi
			Factorise more difficult non- quadratic expressions, e.g. cubics., Use the Factor Theorem and Remainder Theorem (FM only)	Use the Factor Theorem and Remainder Theorem (FM only)
	Alimerina, Merieme	2	[Cannot display]	[Cannot display]
	Cook, Hollie	2	[Cannot display]	[Cannot display]
	Djendel, Abdur-Ra'uf	2	[Cannot display]	[Cannot display]
	Glavas, Luka	0	[Cannot display]	[Cannot display]
	Goodman, Omari	2	[Cannot display]	[Cannot display]
	Hidalgo Estrada, Jose David	2	[Cannot display]	[Cannot display]
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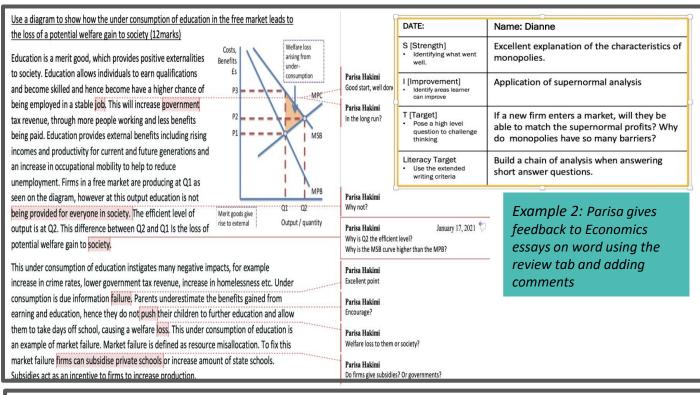


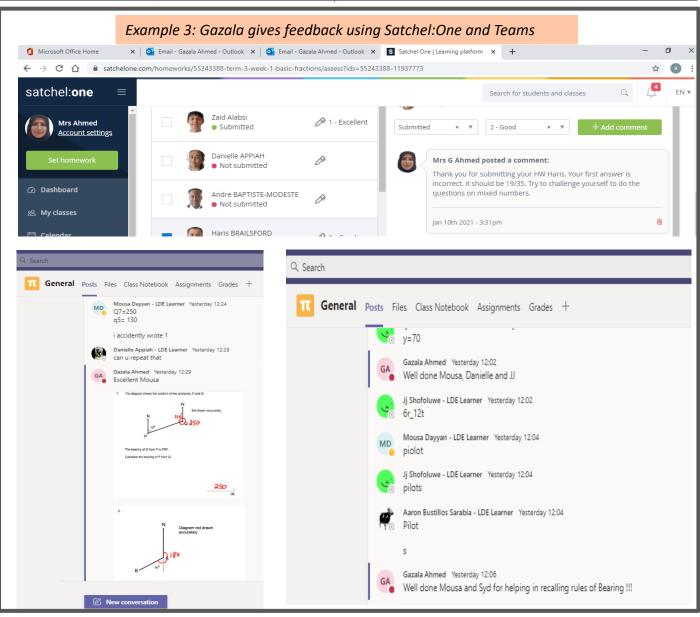
Example 1: Using Dr.Frost as a tool for formative assessment - Andrea

- Set task on Dr.Frost
- 2) Choose worst attempted questions and review with students
- 3) Students complete their formative assessment sticker content in green in their books
- 4) Teacher directs students on which target to write dependent on the questions they got wrong.







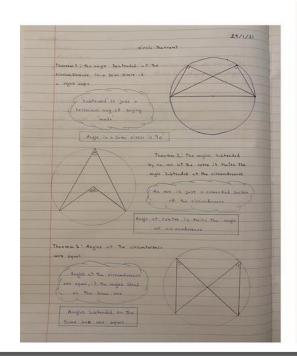


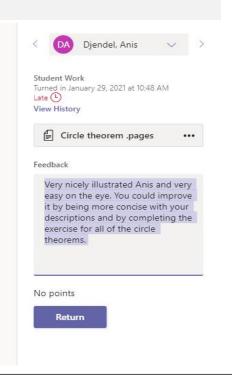
EXAMPLE 4:

Using Teams assignment to set task and give feedback by Karl

Year 11s had to summarize what they had learned about circle theorems and make it as clear, comprehensive and effective as possible so that it was something they could use as a revision resource in the future.

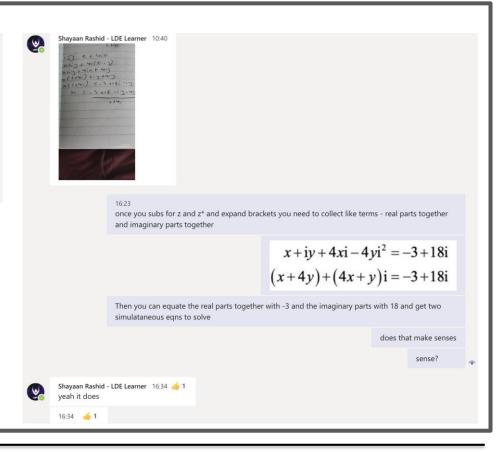
Samples of learners' work including feedback:





EXAMPLE 5:

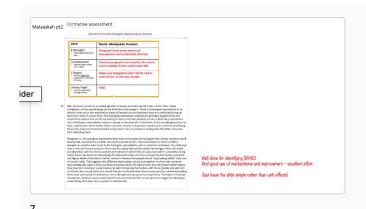
Andrea uses individual chat feature on Teams to give feedback to students who are stuck with their work



PYSCHOLOGY

"Learners first submit on Satchel, I give them feedback (verbal and written) then I give them markscheme and they have to draw further improvements from there. You can see some have actually green penned their improvements or developed detail to their answers as part of FA. I didn't ask them to! But I think it is because as I leave the ppt open (as it's shared), I can see live them scrolling to other work, seeing my comments and then going back to theirs to improve – so it has much wider benefits to their progress and effort this way!" - Shafina

8



Matthew

William

Silve of men of men shipped supplied in growers, there is no grown of men shipped supplied in growers, there is no grown of men shipped supplied in the supp

Khadija

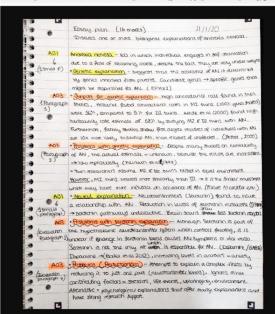
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submission_attachment/file/103414269/nina_brodowska_yr13b-py1_2021-01-22_b3da.jpg?Expire



DATE: Jan 22	Name: Nina Structure is excellent and detailed. Extended answers for most.		
S [Strength] Identifying what went well.			
I [Improvement] Identify areas learner can improve	Develop 2 nd paragraph by counter arguing – could this be due to heritability?		
T [Target] • Pose a high level question to challenge thinking	Expand on explanation by offering both sides to the focus		
Literacy Target Use the extended writing criteria	None.		

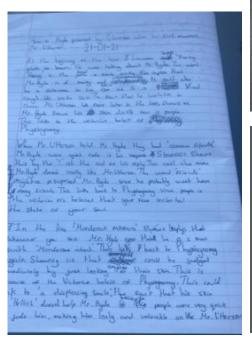
Great work as always Nina 😊

Improvements – can you further counter argue the 2nd paragarph?

As such, the genetic explanation for AN may not be suitable because of the effects of external environmental factors in twin studies. If the high concordance rates found in MZ twins are being caused by the twins' similar upbringing, an explanation which considers the effects of the environment may be more suitable. For example the Family Systems Theory, which accounts for the influence of parents and family dynamics in the development of AN in conclusion, the genetic explanation does not fully explain the development of AN and other factors must be considered.

Please use this to go through the PLAN You did for Formative Assessment – I have given you feedback and you now need to enter YOUR Improvements. You may want to refer to the mark scheme below to help you in deciding on YOUR improvements.

ENGLISH





Some learners are submitting work through Class notebook, and others are hand writing an submitting into assignments. Any improvements made post feedback, are completed in green.

DATE:

S [Strength] •Identifying what went well.

I [Improvement]
-Identify areas learner can

T [Target]
•Pose a high level question to challenge thinking

Literacy Target

*Use the extended writing criteria

Name: Atiyah 17 Grade 7 (TG 6)

A thoughtful, detailed and insightful response. You approach the unseen just as we rehearsed – well done.

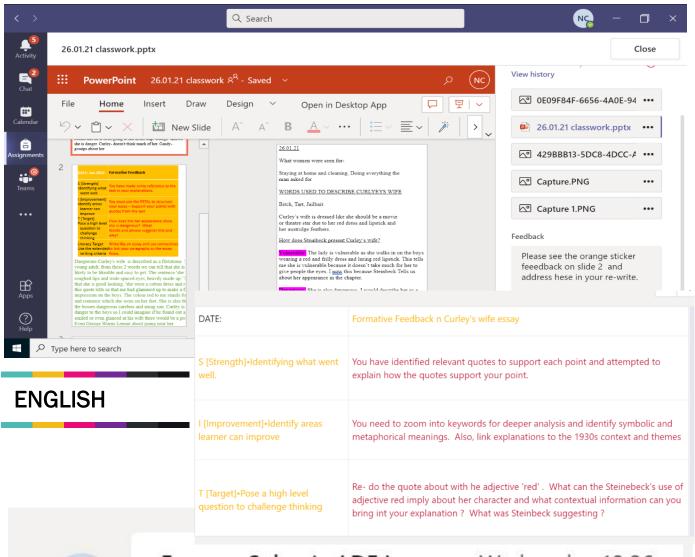
Explore the extended metaphor in more detail

Can you consider if "pumping" could also apply to the daughter's feelings at her new found freedom?

Keep experimenting with a sophisticated and nuanced vocabulary.

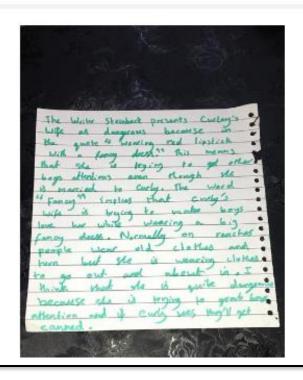
Improved paragraph:

The poet also presents the mother anxiety about her daughter leaving home. This is shown in the phrase 'pumping, pumping for your life'. Firstly, the word 'pumping' displays the idea of a heart beat but the fast pace of it could represent anxiety and fear. This could have been done by the poet to show that the mother is apprehensive about being away from her daughter. Moreover, the vivid verb 'pumping' is repeated which could mirror the heartbeat of both the mother and daughter. Perhaps, you could say that there is an ambiguity about this phrase as it could be about both, the mother and daughter. The daughter may have had a fast heartbeat to represent her feelings of excitement and adrenaline about leaving home. Meanwhile, the mother's rapid heartbeat is because she is tense about the same thought. Furthermore, the fast pace of the beating heart could represent the daughter's feelings as when riding a bicycle, your heartbeat could increase rapidly. The poet may have used this extended metaphor of a bicycle to display the idea of life being like a journey- the daughter leaving home means that another chapter of that journey has begun. As well as there being an deliberate ambiguity about who the phrase refers to, there is also a vagueness about the emotions. This is because the image of riding a bicycle and 'riding with long strides' could display the idea that the daughter is becoming more confident and independent, thus making the mother proud, but also distressed as she is not needed as much anymore. The poet may have wanted to celebrate the new beginnings of the daughter leaving home but also convey the mixed emotions that one feels when their children are growing up and to teach parents that such conflicting feelings are universal.





Fayzaan Sultani - LDE Learner Wednesday 13:26 Miss my essay

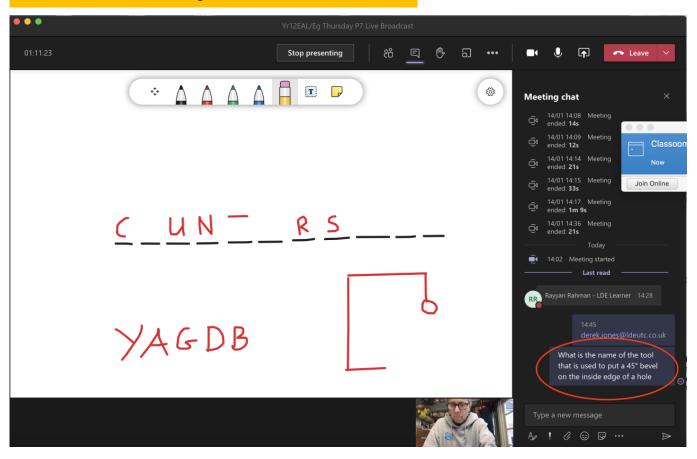


"Been winding down some of my lessons with a few quick rounds of Hangman these last few days on the Whiteboard – not without it's issues !!!

The word I was looking for was COUNTERSINK"

Derek Jones - Teacher of Design

DESIGN & ENGINEERING



GRAPHICS

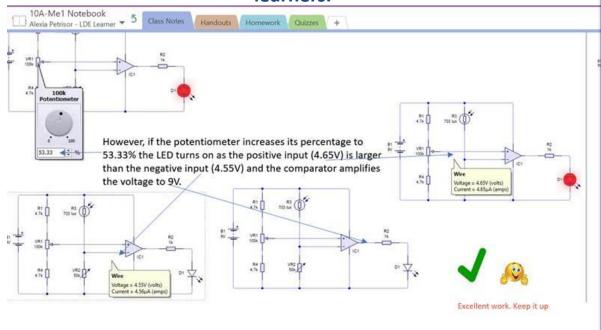
3D Net Packaging

Rob Fulton sent out laser cut packages of nets to all learners so that they could continue working on their packaging during remote learning, some fantastic work has been coming through!



DESIGN & ENGINEERING

Yr 10 Mechatronics. Using symbols and text to give feedback to learners.



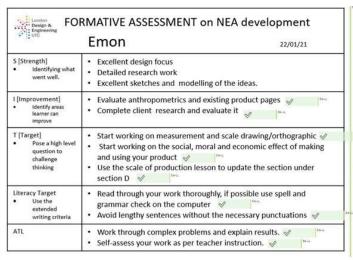
- -A CNC machine has advance programs that allows it to manufacture products that can't be manufactured manually.
- -A prototype isn't required.
- -it takes only one person to supervise many CNC machines simultaneously.

Disadvantages:

- -very expensive
- -leads to redundancy

Feedback to year 11 Engineering R112

 Mupasha, expand your disadvantages by explaining the points stated.
 Once completed, tick the box to show you have responded to the feedback



Student Response:

Specific parts to cover:

existing product research – evaluation box
Presentation on first page fill up white space
production types page, talk about one-off to batch linking to my product, maybe for specific clients like schools
Evaluation for design brief and specification
Evaluation for design brief and specification
Switch boxes in design section

start thinking about sizes of product for section D
Isometric, perspective drawings

Response:

Istanted making the changes on the 8/01/2021, which is the date I received the feedback during lesson. The Feedback card vias sent to me on the 24/01/2021. I have finished the first 3 points on the 8/01/2021. The resultation and other minor amendments were carried out on the 25/01/2021. (Evaluations, presentation, grammar, missing info?)

The rest of the improvements were made on the 27/01/2022, this includes the drawings and the social, moral and economic factors.

The 2D design work is not completed but in progress.

Yr 13Pd feedback on their NEA.

BUILT ENVIRONMENT KS5



Rudolf Ansa - LDE Learner Wednesday 09:21

due to loads of people on site, too much load had been applies to the stairwell, hence the man falling through. there is a good medical response team on site . no signage to say areas which may be affected by load. not alot of information given to the new worker which resulted in life-changing injuries. foreman was distracted due to noise, so he may not have had sound proof head phones on (PPE).



Emaan Hasan - LDE Learner Wednesday 09:21

the foreman was distracted and thus fell from a height as he was not paying attention to his surroundings. he had a lot of potential and was diligent but didn't have enough experience.



Amariah Lawal - LDE Learner Wednesday 09:21

working at height u should wear correct ppe for example safety harness in case you fall just like the guy who fell on the concrete floor. Everyone should start on time just focus on being punctual so everything goes to plan. If the foreman has been an experience joiner for 10 years he should have been aware of his surroundings and checked often to see how the the joiner was doing as he's only been doing it for 2 years this could have prevented the accident or even got him to hospital quicker.



Nimroh Carpio - LDE Learner Wednesday 09:21

Safe systems of work were not effective, there was a lack of PPE, no harness was used, accidents can also happen to experienced workers, work at height regulations were not adhered to, contractor belittled the danger of working at height



David Nguyen - LDE Learner Wednesday 09:21

During a busy construction site, a young but experience worker fell 5.2m. Injuries described as life changing, first aid was performed on site and he was taken to hospital.



• The worker was not working in a safe construction site and so because of the unprotected stainwell he fell through. The site operative said it was because of the busy days of Christmas they have many people on site. When the worker had fallen he had life changing injuries which made this incident very inconvenient.

Techniques embedded within remote learning sessions:

- "Using a technique Kate has used, I pose a question waiting for learners to type, and then asking the learners to press enter, all together, which means a flurry of responses arrive. We then pause, everyone reads the responses from each other, gives a thumbs up to the best answer, and the winner gets SIMs points.
- Recording the 'present' element of the session a great strategy for all learners to revisit knowledge. This is good for technical information/process lessons.
- Giving learners access to all resources prior to the lesson through MS files.
- Rapid fire questioning using the 'hands up' function great to check whole class participation.
- Keeping my instructions, short and explicit, with clarity on what I want learners to do and how."

Furnaz Ahmed - Built Environment

<u>6</u> 2

LEARNER OPPORTUNITY

Inspired by the inauguration speech, Kate
Kelly has created an opportunity for learners
to become LDEs very own poet!



This is a brilliant opportunity to have your voice heard.

A fantastic chance to be a published poet (on LDE website and social media), with an audience of over 1000 people.

A wonderful and unique opportunity to document, via poetry, what is important within our college and outside it.

LDE UTC's Poet Laureate Competition



You need to craft a poem on one of the topics below. There is no need for your poem to rhyme. It should be at least 10 lines long. Please submit your entry to your kate.kelly@ldeutc.co.uk by February 12th

Dreams for after lockdown
The Pandemic
Lockdown Life
Learning online
What LDE means to me

Appreciate the word choices of our unseen poets!

Our LDE UTC Poet Laureate will:

- ✓ Win the prestigious title
- ✓ Be rewarded with a £20

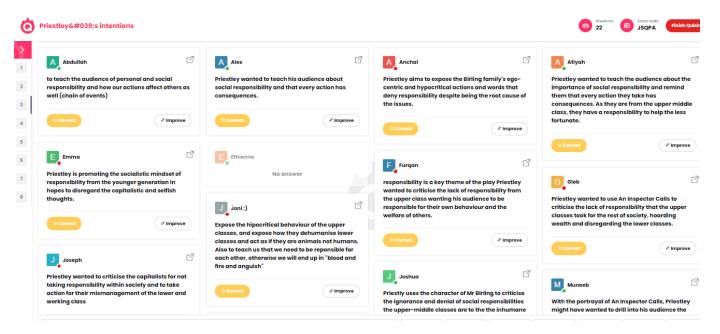
 Amazon voucher
- ✓ Be given 20 reward points
- ✓ Be published via our website and social media accounts
- ✓ Be invited to write one poem each term (3 more for this academic year)

STRATEGIES TO TRIAL

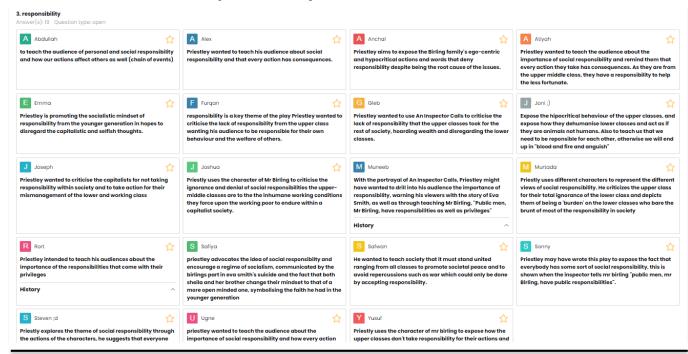
"I have been trailing this website and wanted to share it with you and others as I have found it really effective for assessing learners' understanding during lessons. It's easy to set up and for learners to access. Here's an example from my last lesson - I was able to give immediate feedback, assess all learners and quickly offer support where needed."

The site is called https://spiral.ac/

Kate Kelly – English Lead Practitioner



This is a snap of what you can record at the end



SUMMATIVE ASSESSMENT CPD

05.1.2021

KEY take away:

- Standardise the format
- Open response tasks
- MS forms to implement quizzes in assignments

Why we must standardise the format

There are three reasons why this is particularly important now:

- 1.Following a period of remote learning, it is important that we identify gaps in learners' learning.

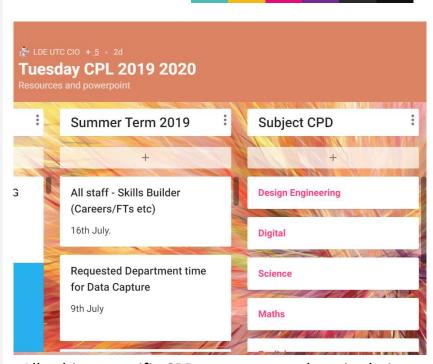
 This is a strategy for speeding up that process.
- 2.The limitations of teaching from the front mean that we need to be able to review learners' work more quickly often at a glance.
- 3.The gaps widened by lockdown will have disproportionately affected those learners with existing gaps.

 This is a strategy that helps to level the playing field by ensuring that all learners have high quality notes for revision.

SUBJECT SPECIFIC CPD 18.01.2021

This term all teaching staff received a bespoke CPD session which would develop their TL pedagogy related directly to the subject they teach. The session was a brilliant opportunity to staff upskill on knowledge and support each other.

https://ldeutc.padlet.org/VictoriaWebb/CPL https://ldeutc.padlet.org/VictoriaWebb/WallWalks



All subject specific CPD resources are kept in their very own CPD padlet.

EXAMPLE:



Retrieval Practice



Retrieval Practice Challenge Grid

5:00

- a. What is the term for the wearing away of the cliffs by wave action?
- **b.** Which type of volcano has gently sloping sides and less viscous lava?
- **c.** What is urban growth?
- d. What is the term for the ground behaving like a liquid during an earthquake?

- e. What is the term for a decline in the proportion of industrial in a country?
- f. Is coal a renewable or non-renewable energy resource?
- g. What is the flat area of rock at the base of a cliff that extends seawards called?
- h. What is the term for the movement of material along a coastline due to an angled prevailing wind?

- i. What is urbanisation?
- j. Which developing country did you study as a case study of an earthquake?
- **k.** Which sector of work do fishermen, farmers and miners belong to?
- I. Is urbanisation accelerating?

Last Lesson (1 point) Economic Activity & Energy Topic (2 points)

Coastal
Environments Topic
(3 points)

Hazardous
Environments Topic
(4 points)

Try this retrieval grid and ask a range of cumulative questions from the topic / unit which will help learners to recall knowledge. There is even a little timer at the top to ensure they keep to the time!

https://ldeutc.padlet.org/VictoriaWebb/OnTatooine

T&L TOOLBOX PADLET

Remember – we have a retrieval column with over 50+ retrieval strategies to trial within your lessons.

