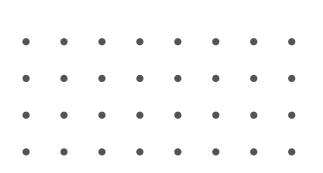


### ACTIONABLE & EVIDENCE-INFORMED FEEDBACK STRATEGIES:

TO SUPPORT & CHALLENGE ALL LEARNERS

**Kate Jones** 



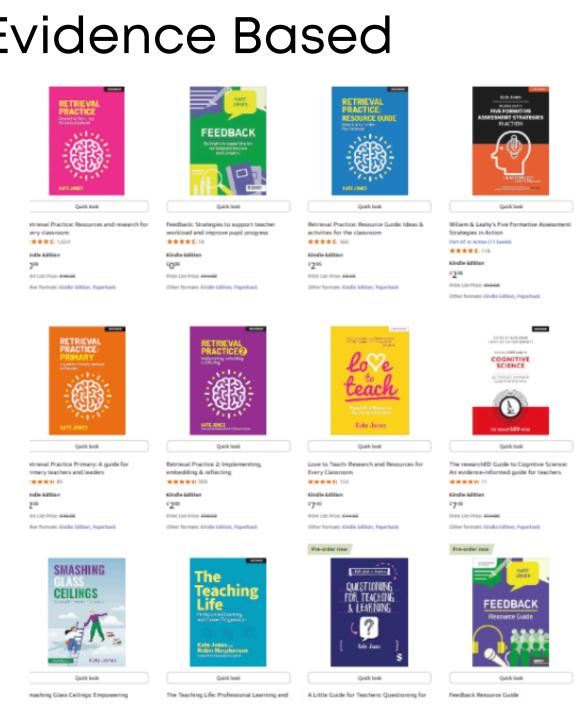


#### ABOUT ME ...

- Experienced teacher and leader
- Senior Associate for Teaching & Learning with Evidence Based

Education

- Author/Editor/Blogger
- Podcast host
- @KateJones\_Teach on social media



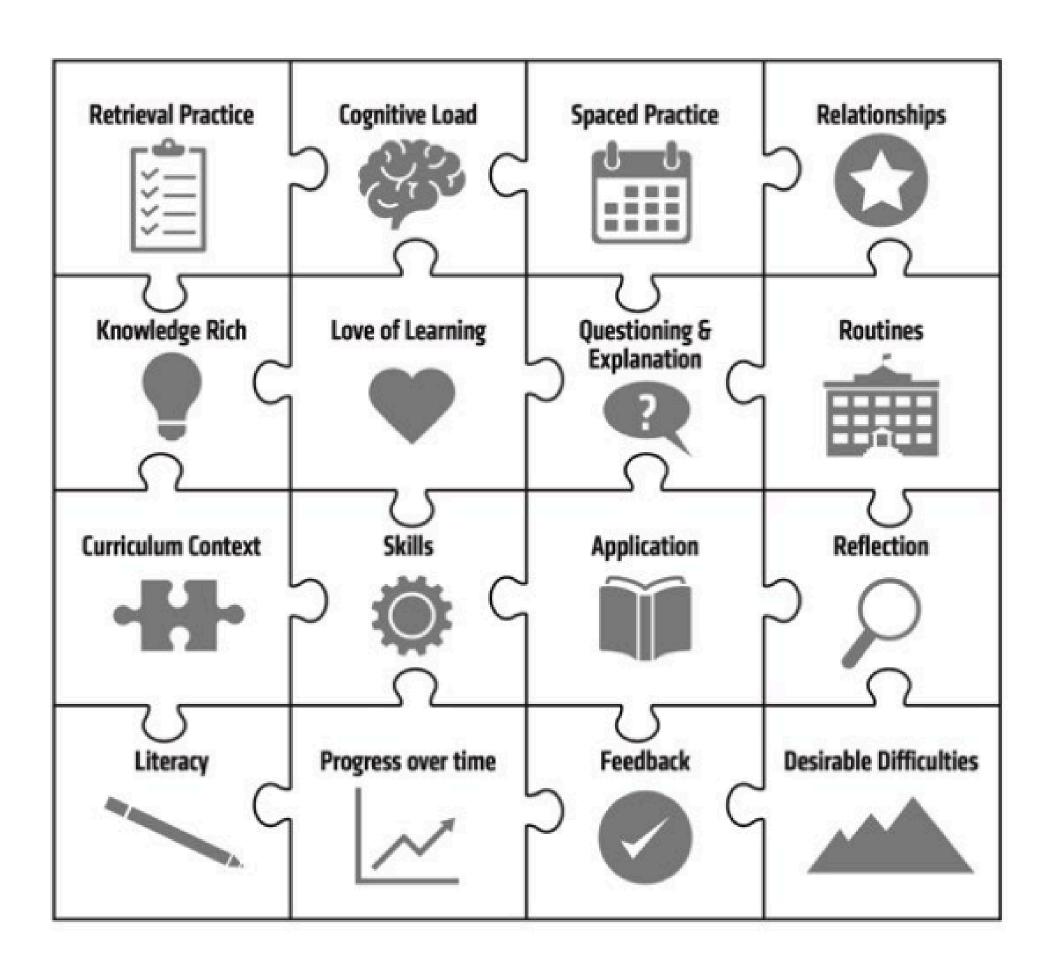
#### YOU WILL RECIEVE ...

- A copy of the presentation slides
- A list of the references and further reading
- Resource templates
- Evidence-informed Resource Guide
- Link to the Evidence Based Education Professional Resource Library



### Teaching and Learning Jigsaw Puzzle (Jones)





#### "Feedback is one of the most powerful

influences on learning

and achievement, but this impact can be

either positive or negative".

John Hattie & Helen Timperley (2007)

#### How can we ensure feedback

supports learning,

rather than hinders it?

## FEEDBACK APPROACHES SHOULD BE ....

#### Evidence informed



## FEEDBACK APPROACHES SHOULD BE ....

#### Evidence informed

Workload friendly

# FEEDBACK APPROACHES SHOULD BE ....

Evidence informed

Workload friendly :::

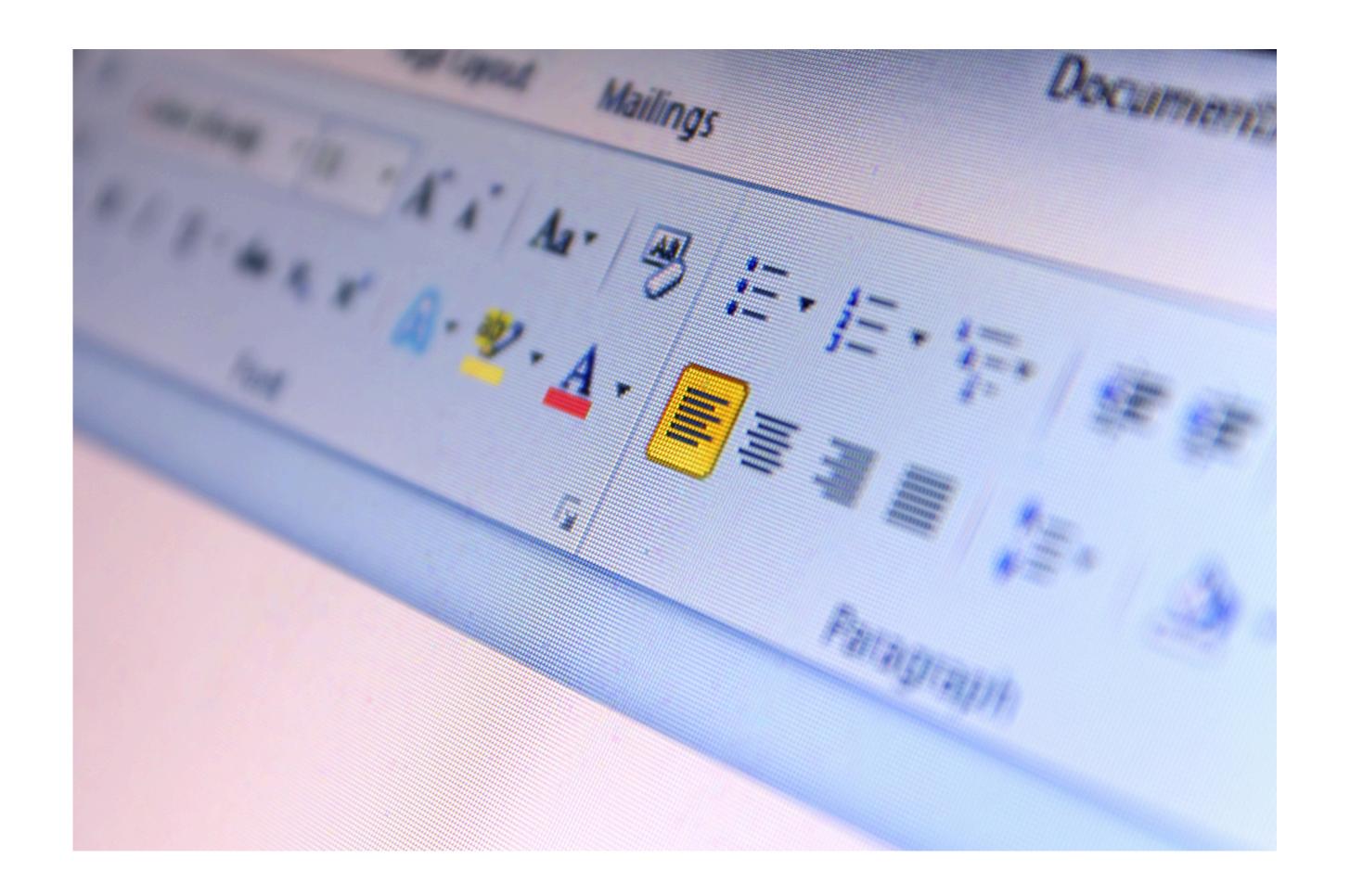
Moving learning forward

## Q. What is the purpose of feedback?





"The main purpose of feedback is to improve the student, and not the work"



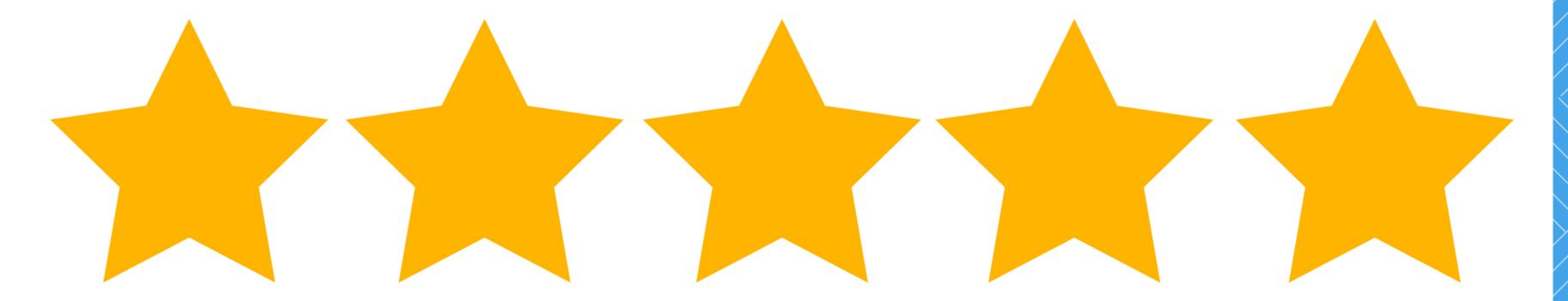
How often should I give feedback to my students?



Should feedback be immediate or delayed?

## Teachers give feedback to the learners in their class every

lesson, everyday.



Copyrighted Materia

## THANKS LARGE THE FOR THE EDBACK

THE SCIENCE AND ART OF RECEIVING FEEDBACK WELL

> EVEN WHEN IT IS OFF-BAJE, UNFAIR, POORLY DELIVERED, AND FRANKLY, YOU'RE NOT IN THE MOOD

SHITCH? DS Soys No

> Douglas Stone

&

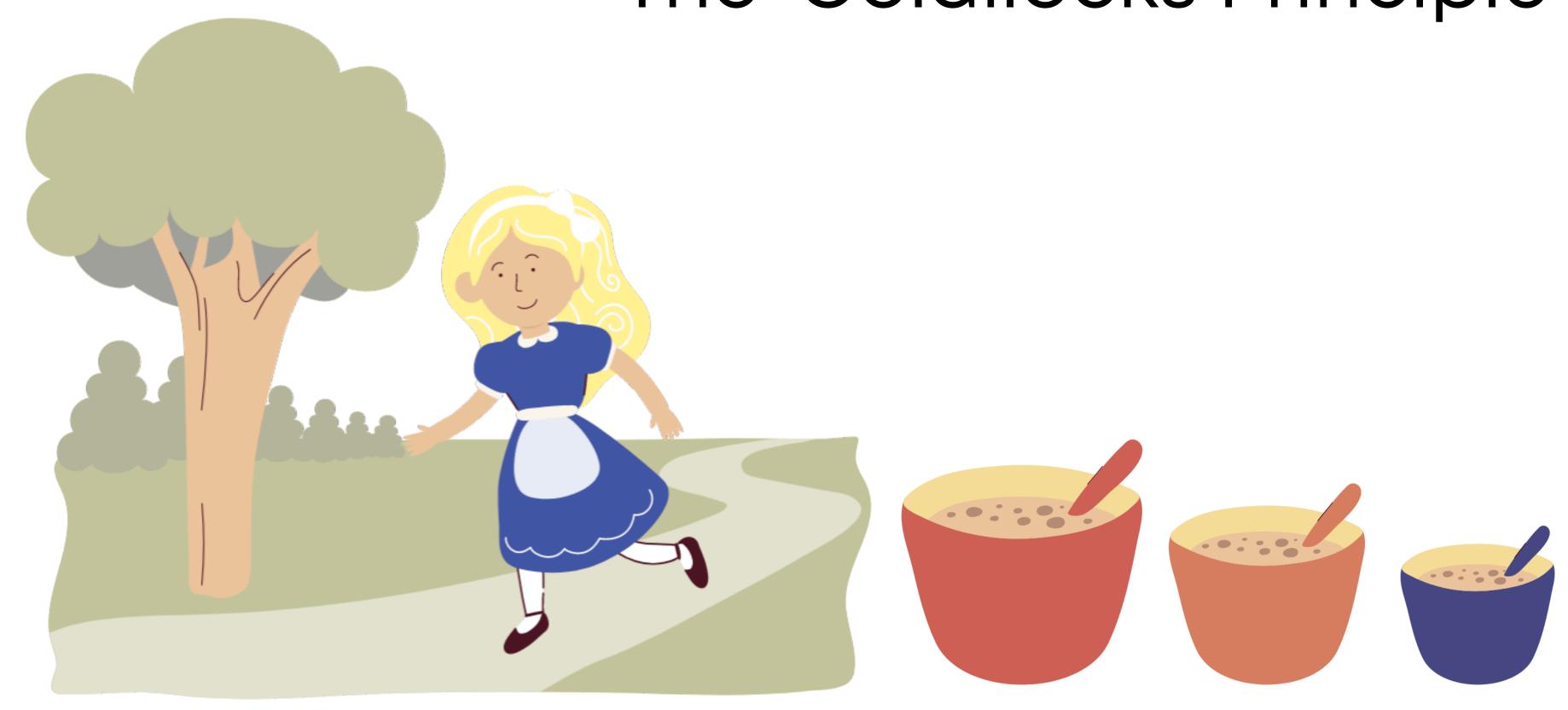
Sheila Heen

of the Harvard Negotiation Project

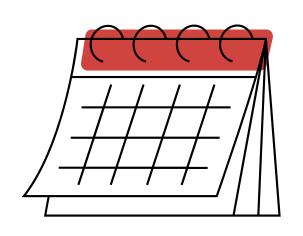
co-authors of DIFFICULT CONVERSATIONS



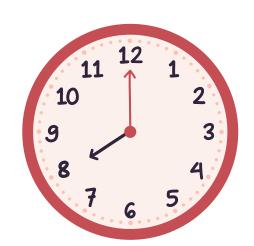
#### The 'Goldilocks Principle'



"Feedback can be effective during, immediately after and some time after learning. Feedback policies should not over specify the



frequency of feedback."



Education Endowment Foundation (EEF) - Feedback Guidance Report 2021

"Feedback can be verbal or written, or can be given through tests or via digital technology. It can come from



the teacher or peers."



Education Endowment Foundation (EEF) - Feedback Guidance Report 2021

"Students often find teachers' feedback confusing, unreasoned, and difficult to understand. Sometimes they think they have understood the teacher's feedback when they have not, and even when they do understand it they may not know how to use it."

John Hattie (2011)

# FEEDBACK PRINCIPLES. FEEDBACK SHOULD BE ....

#### Understandable





# FEEDBACK PRINCIPLES. FEEDBACK SHOULD BE ....

#### Understandable

Helpful





# FEEDBACK PRINCIPLES. FEEDBACK SHOULD BE ....

#### Understandable

Helpful

Actionable

#### The Great Teaching Toolkit Evidence Review 2020 Coe et al

#### 4. Aktivera utmanande tankearbete

- Strukturera: Ge eleverna en lämplig följd av lärandeuppgifter; signalera vad som är lärandemålet, den logiska grunden, en överblick, nyckelidéerna och hur progressionen ser ut. Anpassa uppgifterna till elevernas behov och förutsättningar: ge stöd och stöttning för att göra uppgifterna tillgängliga för alla, men ta gradvis bort stödet så att alla elever lyckas på den nivå som efterfrågas
- Förklara: Presentera och kommunicera nya idéer tydligt, med kortfattade, lämpliga och engagerande förklaringar; koppla nya idéer till det som tidigare har lärts (och aktivera/kontrollera tidigare kunskap). Använd exempel (och dåliga exempel/motsatsen) som passar för att hjälpa eleverna att förstå och bygga dessa samband. Förevisa och demonstrera nya färdigheter eller metoder med lämplig stödstruktur och utmaningsnivå (ledning och stimulans och använd genomarbetade/delvis genomarbetade exempel)
- Ställ frågor: Använd frågor och dialog för att främja fördjupning (elaborering) och flexibelt tänkande hos eleverna (t.ex. "Varför?", "Jämför", osv.); använd frågor för att locka fram elevernas tänkande: få svar från alla elever: använd genomtänkta bedömningsaktiviteter för få underlag som visar vad som lärts; tolka, kommunicera och svara på dessa underlag på lämpligt sätt

- Samspela: agera genomtänkt, på lämpligt sätt, på elevernas återkoppling angående deras tankegångar/kunskap/förståelse och ge dem användbar feedback som vägleder deras lärande framåt
- Förankra: Ge eleverna uppgifter som förankrar och förstärker lärandet: kräv att de övar tills lärandet blir flytande, säkert och automatiserat; se till att tidigare inlärt material repeteras/återbesöks så att glömska förebyggs
- Aktivera: Hjälp eleverna att planera, reglera och övervaka sitt eget lärande; gå framåt på ett lämpligt sätt från strukturerat till mer självständigt lärande efterhand som eleverna utvecklar kunskap och expertis

#### 1. Förstå innehållet

- Att ha djup ämneskunskap, kunna sitt ämne flytande, samt ha en flexibel förståelse av det du undervisar om
- Kunskap om vanliga elevstrategier, missuppfattningar och hinder i förhållande till det innehåll du undervisor om
- Kunskap om behovet av att dela upp ämnen/ämnesområden i olika delar/sekvenser som följer logiskt efter och knyter an till varandra
- Kunskap om vad som i relation till ämnet är relevanta uppgifter, bedömningar och aktiviteter samt deras diagnostiska och didaktiska potential. Detta så att du kan ge olika förklaringar och förklaringsmodeller, analogier och exempel för de idéer du undervisar

#### Skapa en stödiande miliö

- Främja samspel och relationer med alla elever som bygger på ömsesidig respekt, omtanke, empati och värme; och därigenom undvika negativa känslor i samspelet med elever; vara lyhörd för elevernas individuella behov, känslor, kultur och övertygelser
- Främja ett positivt klimat för elevelevrelationer som kännetecknas av respekt, förtroende, samarbete och
- Frămia elevens motivation genom känslor av kompetens, autonomi och samhörighet
- Skapa ett klimat med höga förväntningar, med utmaningar och tillit så att eleverna känner att det är okej att försöka; uppmuntra eleverna att tillskriva sin framgång eller misslyckande till sådant de förändra

#### 3. Maximera möjligheten att lära

- Hantera tid och resurser effektivt i klassrummet för att maximera produktiviteten och minimera släseri med tid (till exempel lektionsstarter och övergångar); ge tydliga instruktioner så att eleverna förstår vad de borde göra; använda (och explicit lära ut) rufiner för att göra övergångar smidiga
- Säkerställa att regler, förväntningar och konsekvenser för beteenden är uttalade, tydliga och fillämpas
- Förebygga, förutse och reagera på potentiellt störande incidenter; förstärka positiva elevbeteenden; signalera medvetet om vad som händer i klassrummet och agera på lämpligt sätt

#### 4. Aktivera utmanande tankearbete

Strukturera: Ge eleverna en lämplig följd av lärandeuppgifter; signalera vad som är lärandemålet, den logiska grunden, en överblick, nyckelidéema och hur progressionen ser ut. Anpassa uppgifterna till elevernas behov och förutsättningar: ge stöd och stöttning för att göra uppgifterna tillgängliga för alla, men ta gradvis bort stödet så att alla elever lyckas på den nivå som efterfråggs

Samspela: agera genomtänkt,

på lämpligt sätt, på elevernas

återkoppling angående deras

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och ge dem användbar feedback

- Förklara: Presentera och kommunicera nya idéer tydligt, med kortfattade, lämpliga och engagerande förklaringar; koppla nya idéer till det som tidigare har lärts (och aktivera/kontrollera tidigare kunskap). Använd exempel (och dåliga exempel/motsatsen) som passar för att hjälpa eleverna att förstå och bygga dessa samband. Förevisa och demonstrera nva färdigheter eller metoder med lämplig stödstruktur och utmaningsnivå (ledning och stimulans och använd genomarbetade/delvis genomarbetade exempel)
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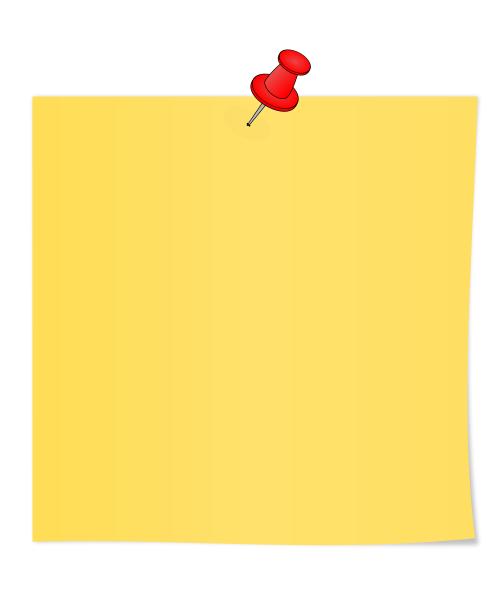
# Actionable feedback strategies for the classroom ...





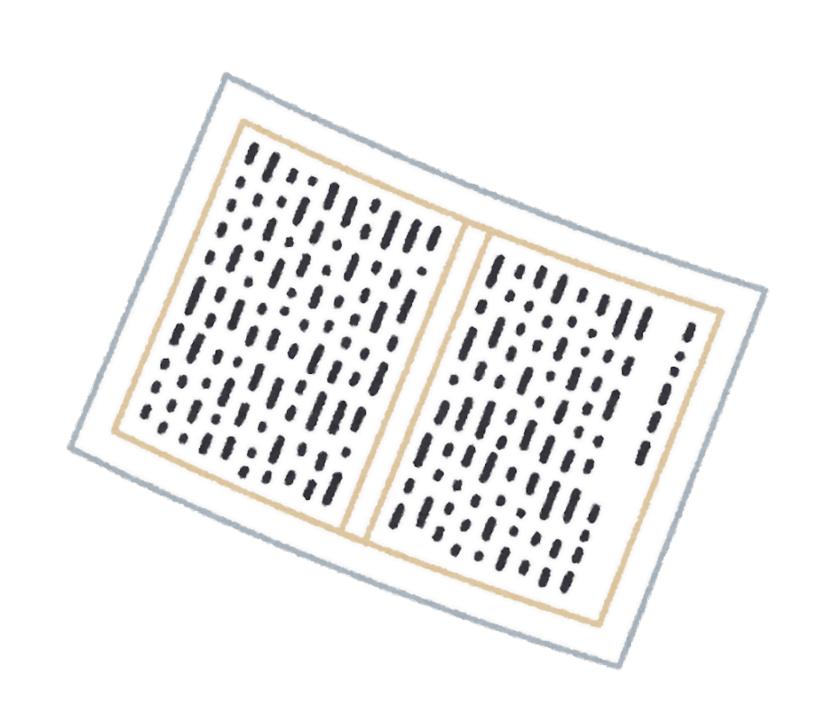
#### Verbal Feedback





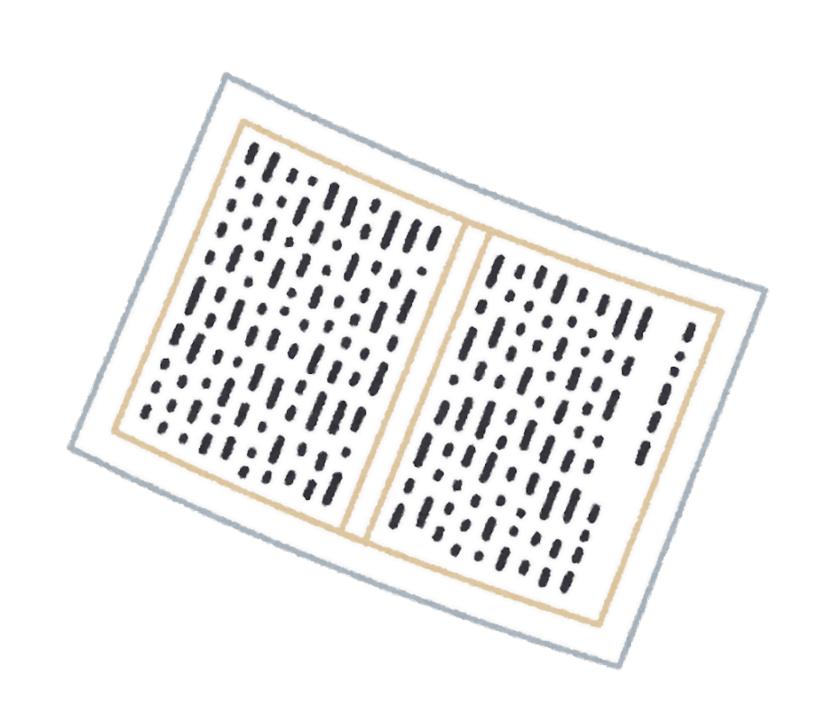
#### Repeat & Respond





#### Record & Respond





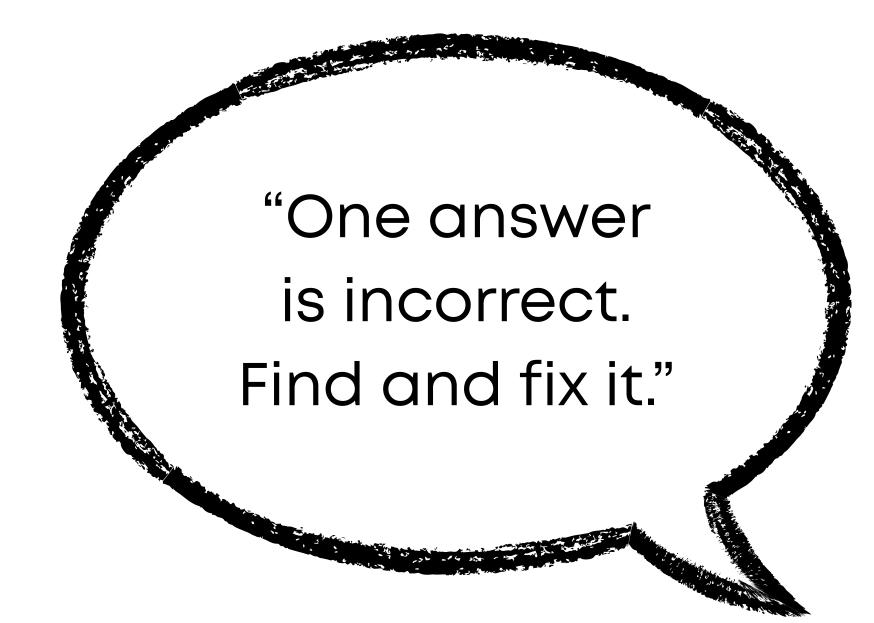
#### The Detective Strategy (Dylan Wiliam)

- Q. What is meant by "opportunity cost"?
- A. The amount of money spent on a choice
- B. The value of the next best alternative foregone
- C. The cost of all possible alternatives

Answer: B

- Q. Opportunity cost only exists when ..:
- A. Choices are unlimited
- B. Resources are scarce
- C. Money is involved

Answer: A

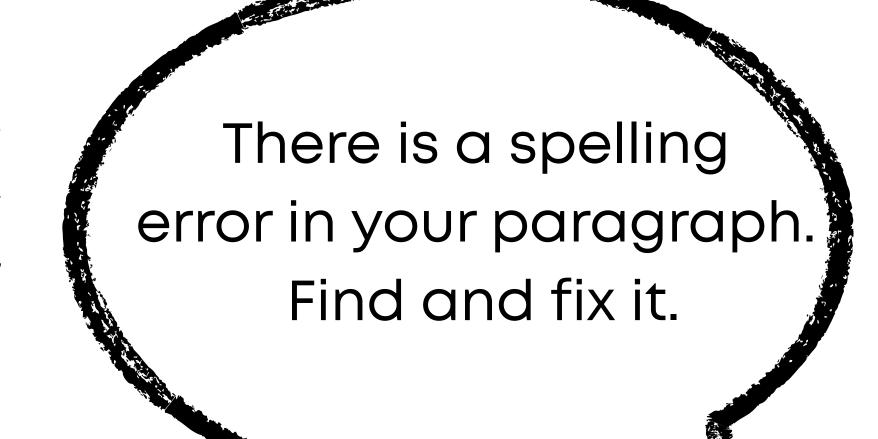


- Q. If a country uses land to grow wheat instead of rice, the opportunity cost is:
- A. The cost of planting wheat
- B. The money made from selling wheat
- C. The rice that could have been grown

Answer: C

#### The Detective Strategy (Dylan Wiliam)

Tourism is when people travel to visit other places for fun or relaxation. Many countries earn money from tourism. For example, in Tieland, tourists spend money in hotels, shops, restaurants. This gives people jobs and helps the country make money. But too tourists can damage environment, so it needs to be looked after carefully.



#### Dot Marking

- Q. What is meant by "opportunity cost"?
- A. The amount of money spent on a choice
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- C. The cost of all possible alternatives

**Answer: B** 

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**Answer: C** 



#### Dot Marking

Tourism is when people travel to visit other places for fun or relaxation. Many countries earn money from tourism. For example, in Tieland, tourists spend money in hotels, shops, and restaurants. This gives people jobs and helps the country make money. But too many tourists can damage environment, so it needs to be looked after carefully.



#### Helpful Highlighting/Useful Underlining

Tourism is when people travel to visit other places for fun or relaxation. Many countries earn money from tourism. For example, in <u>Tieland</u>, tourists spend in hotels, shops, and money restaurants. This gives people jobs and helps the country make money. But too tourists can damage environment, so it needs to be looked after carefully.



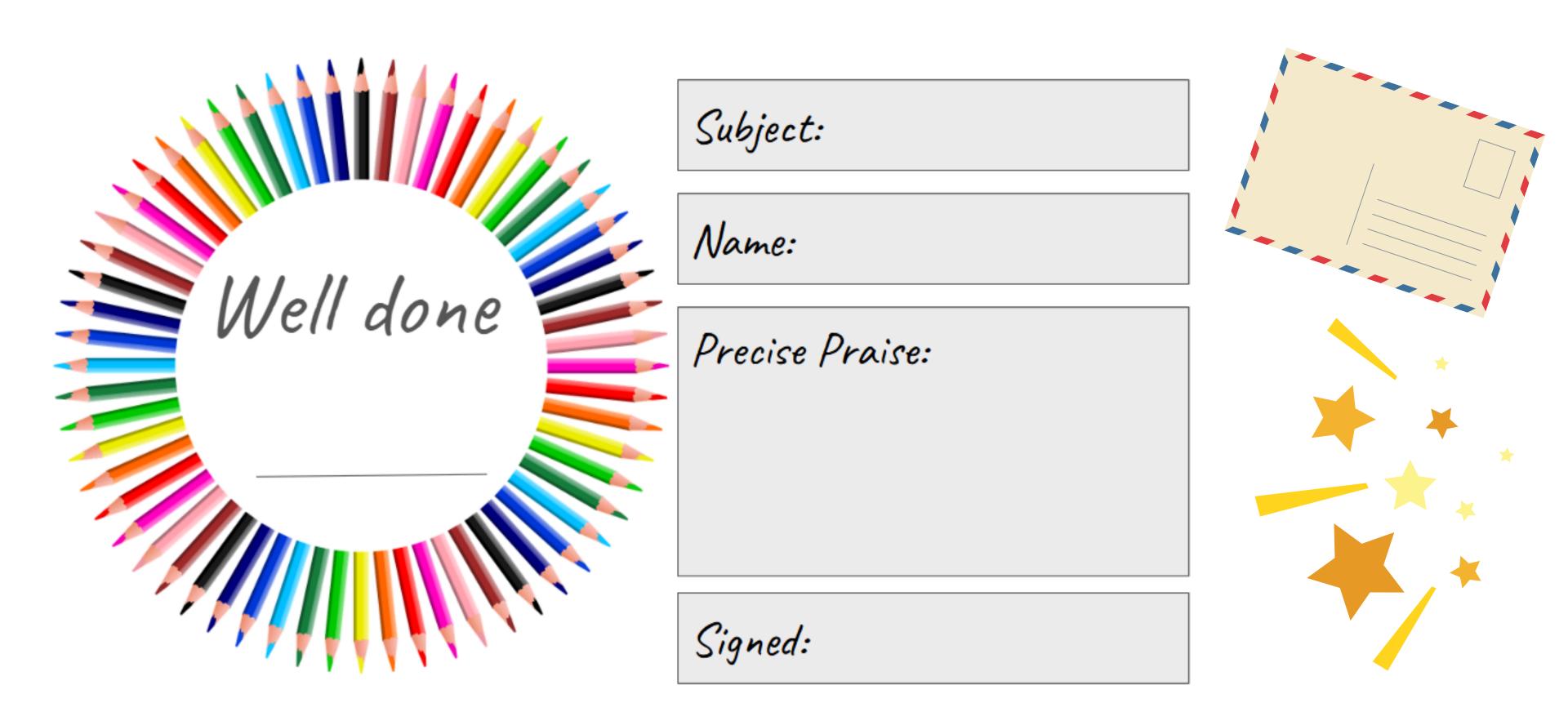
#### Precise Praise (Teach Like A Champion)



Well done, you have reached a clear and sustained judgment in the conclusion.

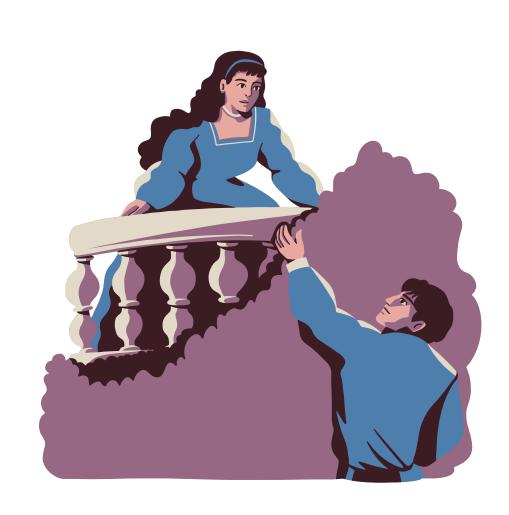


#### Precise Praise Postcard



### Pre-Emptive Feedback: "Prevention is better than cure"





## PRE-EMPTIVE FEEDBACK STRATEGIES

- What are the common misconceptions that students often have in this topic?
- How can I identify and address this misconception with my class?
- What key terms are often challenging to spell?
- What are common mistakes made in exams/exam answers?

### Misconception Banks

#### Year 2 Maths Misconceptions – Teacher Checklist

This checklist highlights common misconceptions in Year 2 maths, grouped by topic. Use it to plan lessons, anticipate difficulties, and design diagnostic questions.

#### **Number and Place Value**

- Teen numbers: thinking 14 is '41'.
- Zero misunderstood as 'nothing' rather than a placeholder.
- Confusing before/after when counting.
- Mixing up one more/less with ten more/less.

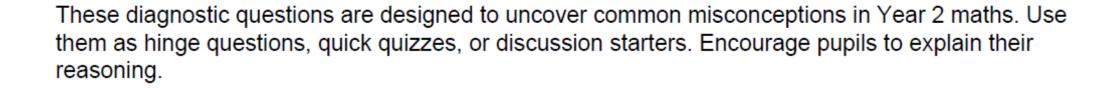
#### **Addition and Subtraction**

- Assuming subtraction is commutative (e.g. 9 4 = 4 9).
- Subtraction only means 'take away', not difference.
- Struggles with bridging tens when adding.
- Errors with exchanging in column methods.



### Misconception Questions

#### Year 2 Maths – Diagnostic Questions



#### Number and Place Value

- Which is bigger: 14 or 41? How do you know?
- What does the zero mean in 40?
- What number comes 1 before 50?
- What is 10 more than 38?

#### Addition and Subtraction

- Is 9 4 the same as 4 9?
- If I have 15 apples and you have 9 apples, how many more do I have?
- What is 28 + 7? (Encourage use of number line crossing tens.)
- Work out 34 7 using column subtraction. What happens when you can't subtract 7 from 4?



### Feedback Predictions

#### Review your work:

What feedback do you predict you will receive from your peer and/or teacher?



### Read and reflect. Check and correct.

Have you used capital letters correctly?

Have you double checked spellings of keywords?

Are your points supported by detail? Facts, stats, examples?

Have you included full stops at the end of your sentences?

Is your written work legible/ easy to read?

What are the key strengths of this piece work?

Have you used paragraphs to structure your work?

Have you used the correct homophones? Their/They're/There

How do you think this piece of work could be improved?

# Written Feedback



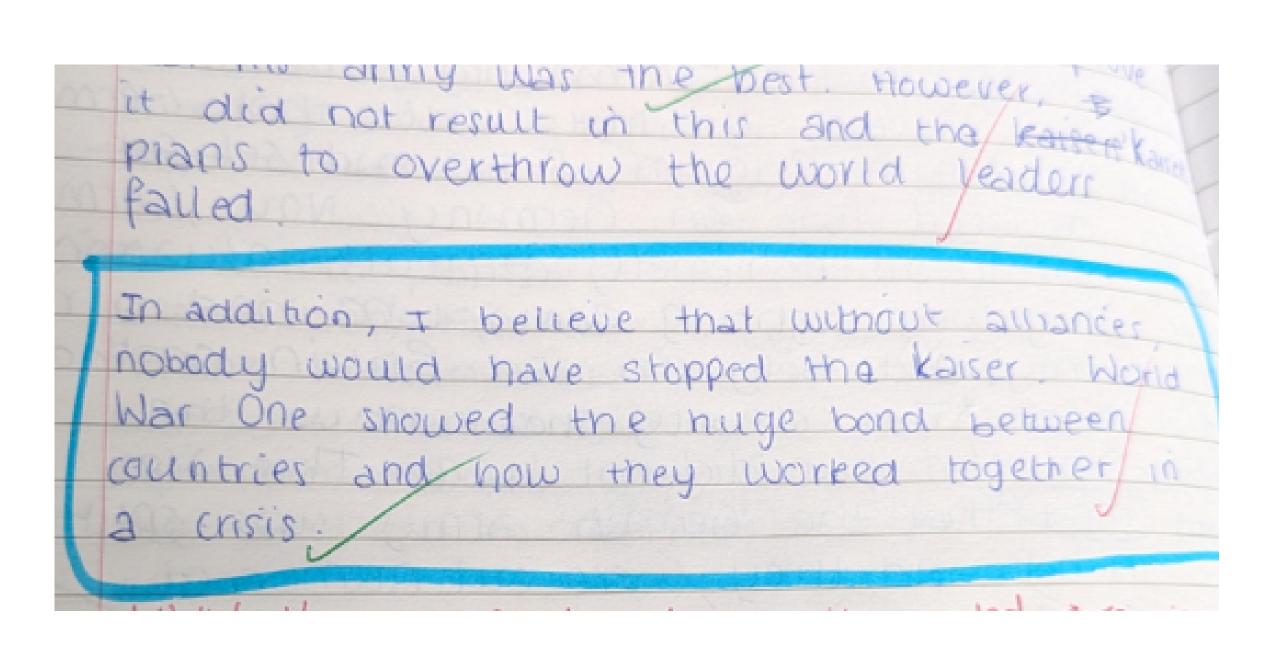


# Selective Marking - Yellow Box Method

economy wase. It also red aromany could not do any provide more for which was the overprishing of money until it was valueless. scheme states - Workers in the Ruhr opposed the occupation & In the years 1933-1939, there were many changes in the lives of young people because the Note's came into power. Note's forced young boys to enter the Hitter Youth and the girls to enterin the Flaiders club. They were endournmented fand were taught to live in a wari lifestyle. with The Hitter Youth and Young Huistens club was a recoons for thanges in the lives of young people. Boys sent to the Hitter youth were trained and prepared for the army. They went on hikes and camped, they were prepared said to be per prepari



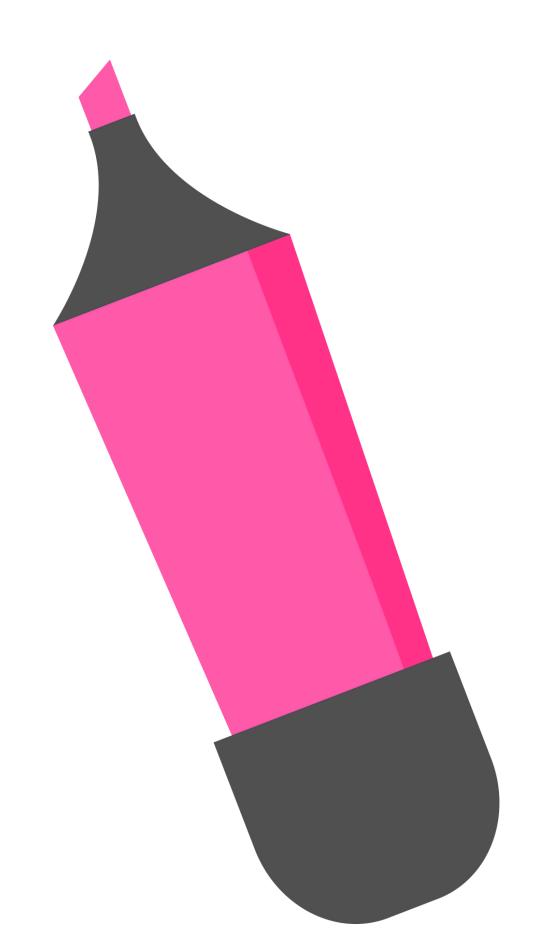
# Selective Marking - Blue Box Method





### Selective Marking - Pink Box Method

women were unhappy with their lives because they were form to stay at home and become nousewives. The book was a best seller and guired a lot of support from women and men. The book was of the fandation of the thong development Another reason for the development of the women's movement during the 1960s and early 700 was the setting up of NOW ( National Organisation for Women). NOW was set up by Betty Freiden in 1966 to stop sex diximi at work. It was a voice for women and aimed to achieve equal rights as men. NOW organised protest movements to get rights. Although it did thave opposition from some women and men, their support was greater. By the early 19706 they were able to pass a legislation which make abortion legal and gave the women the right to decide what or not to have a baby. In conclusion, the jubication of the femirine Mystig and the estabilishment of NOW is what developed the



# Literacy Marking Codes

	Correct use of literacy and knowledge.	Р	Check and correct punctuation.
Sp	Check and correct spelling.	٧	Opportunity for vocabulary.
Gr	Check and correct grammar.	WM	A word or phrase is missing.
NP//	New paragraph needed.	ww	Wrong word - homophone e.g. their/they're/there
М	Meaning is unclear or inappropriate language is used.	WT	Wrong tense.
С	Check and correct use of capital letters.	FS	Write in full sentences.

- Can be used when marking outside of a lesson or during live lesson feedback.
- Marking codes can be used by the teacher and students for peer assessment.
- They can be subject specific and support whole school literacy approaches.
- Relevant across ages, subjects and topics.

# Subject Specific Marking Codes

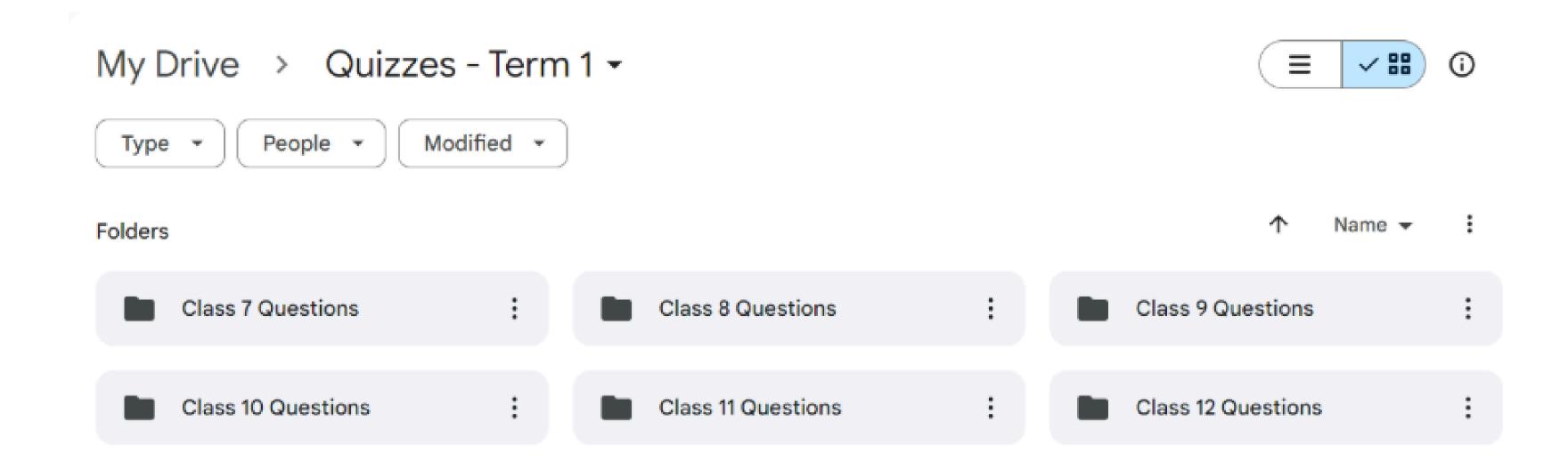
#### Marking Codes for Maths

Code	Meaning	Student Action
С	Calculation error	Check your working – where did the numbers go wrong?
М	Method not shown / missing steps	Show all steps clearly, even if the final answer is right
U	Units missing or incorrect	Add or correct units (e.g. cm, £, kg)
R	Reasoning/explanation needed	Explain why or how you got your answer
SF	Significant figures issue	Round your answer correctly using the right number of SF
DP	Decimal place issue	Check rounding to the correct number of decimal places
F	Formula missing or incorrect	Write down and check the correct formula
CL	Check layout	Organise your work more clearly (especially for multi- step problems)









 Used across a department to support consistency, quality assurance with question design, teacher workload and early career teachers or non-specialist teachers.

- Used across a department to support consistency, quality assurance with question design, teacher workload and early career teachers or non-specialist teachers.
- Question banks can be used for a wide range of quizzes from multiple choice to short answer with or without technology, mini white boards etc.

- Used across a department to support consistency, quality assurance with question design, teacher workload and early career teachers or non-specialist teachers.
- Question banks can be used for a wide range of quizzes from multiple choice to short answer with or without technology, mini white boards etc.
- They can be shared with students for self or paired quizzing and can be shared with parents/carers for quizzing at home.

#### GCSE English Literature – Romeo and Juliet Question Bank

#### Characters

- 1. How is Juliet presented as a strong character in the play?
- 2. Explore how Shakespeare presents Romeo's emotions in the play.
- 3. In what ways is Lord Capulet portrayed as a powerful but controlling father?
- 4. How does Shakespeare use the character of Mercutio to explore ideas about friendship and violence?
- 5. How is the Nurse presented in her relationship with Juliet?



#### **†** Themes

- 1. Explore the theme of love in Romeo and Juliet.
- 2. How is the theme of fate presented throughout the play?
- 3. In what ways does Shakespeare present conflict in Romeo and Juliet?
- 4. How is the theme of family honour explored in the play?
- 5. How does Shakespeare explore the theme of youth versus age?



#### 🏃 GCSE AQA PE Question Bank

- Paper 1: The Human Body and Movement in Physical Activity and Sport
- 1. Applied Anatomy and Physiology
- Name two types of muscle in the human body. (2 marks)
- 2. Describe the pathway of air from the mouth to the alveoli. (3 marks)
- 3. Explain how the cardiovascular system responds during exercise. (6 marks)
- 4. Analyse how antagonistic muscle pairs work together during a bicep curl. (9 marks)



### If we want better questions/tasks

from Gen Al, our starting point

should be creating and

communicating better prompts.

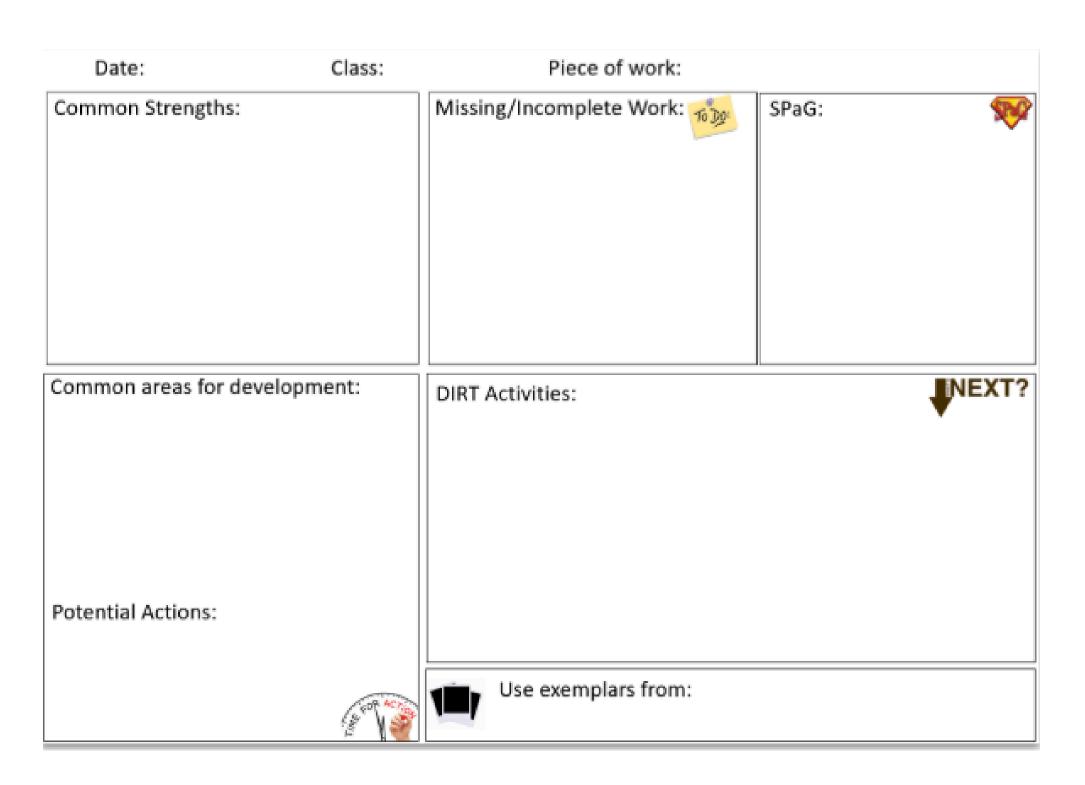
### Whole Class Feedback: Modelling

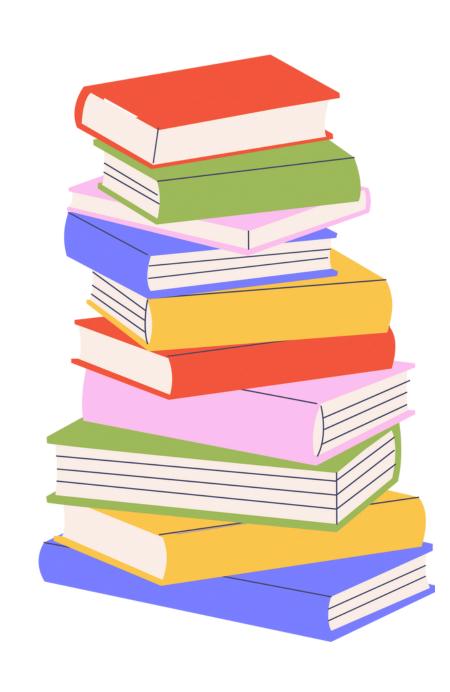
Basic response	Adding more detail
Example: Three men wanted to become King in 1066.	In January 1066 Edward the Confessor, the King, died and this caused many issues as he did not have a son or direct heir to the throne. There were three main contenders to the throne. The first contender was Harold Godwinson, a powerful English nobleman with a big army and owned a lot of land. Harold was related to Edward through marriage. Harald Hardrada did not have a claim to the throne or connection but he felt he should be King of England. William Duke of Normandy was friends with Edward and he said that Edward had promised him the throne but this was unclear.

# Whole Class Feedback: Modelling

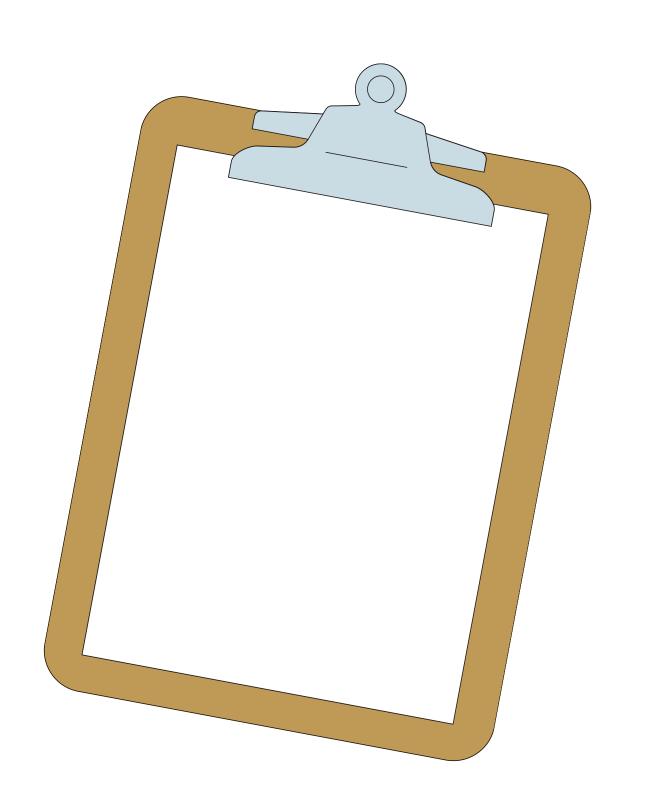
Harold Godwinson had an advantage at the Battle of Hastings.	Harold Godwinson had an advantage of winning because William was down the hill but Harold was up the hill and it would have been more difficult to go up than going down. They also made a shield wall which is a very old taktik but it was very useful for defending the English Army.
William and his soldiers had an advantage at the Battle of Hastings.	William had the advantage of breaking the shield wall which he ran down back the hill thinking that they were turning back, meaning they thought they had won. Harold's soldier goes down the hill where William has successfully broken the shield wall. William quickly turns back and fights back again.

# Whole Class Feedback: Crib Sheets Greg Thornton (2016)





# Whole Class Feedback: Live Marking





# Self Assessment





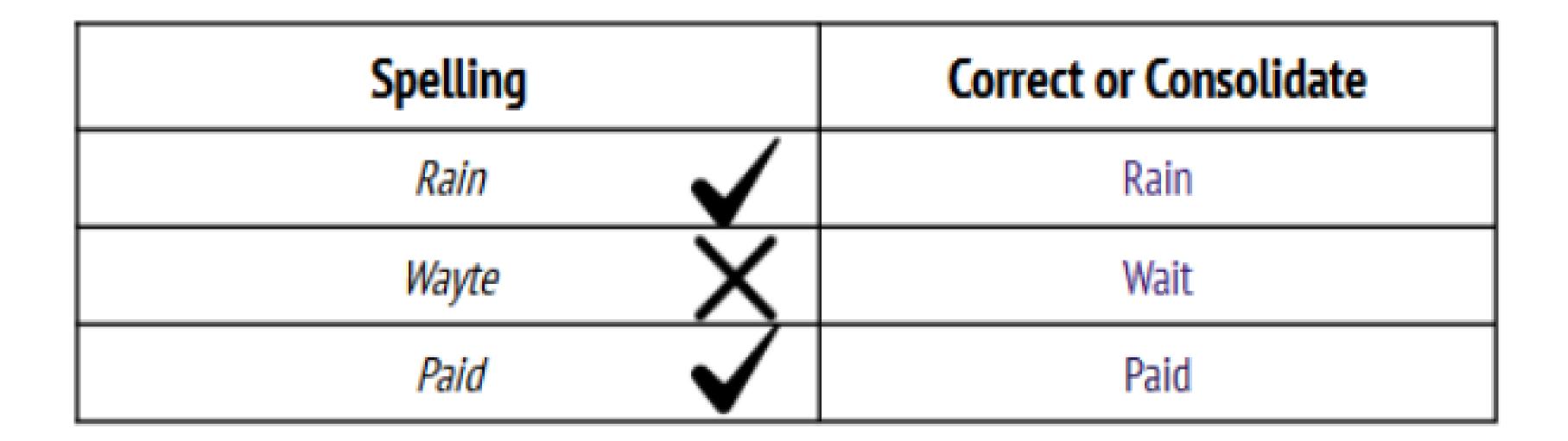
# Student Feedback Checklist

#### Engagement ☐ Did you read the feedback carefully? □ Did you listen to the feedback carefully? Understanding □ Do you understand the feedback? Do you understand what you need to do next? □ Do you have any questions about the feedback? Reflection ☐ How is the feedback helpful? ☐ How can you apply this feedback? ☐ Is this feedback transferable (to other tasks/subjects)? Action☐ How will you act on the feedback? ■ What is your next step (immediate action)? ☐ How can you act on this feedback in the future (long term)? Seek further feedback □ Read, reflect, self-check and correct ☐ Feedback from the teacher ☐ Feedback from your peer(s) □ Feedback from technology





# Check and Consolidate



Story Wood Primary, Birmingham (Year 1)

# Retrieval Reflection Ticket



#### **Retrieval Reflection Ticket**



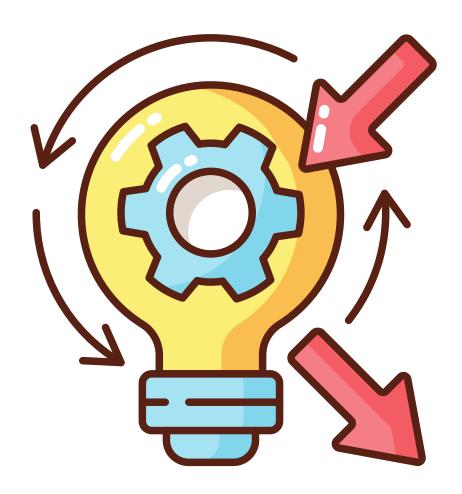
#### Areas of strength/confident recall

- I can remember a lot of information about the Treaty of Versailles. I was able to recall the 'Big Three', the different terms of the treaty and how the German people reacted. I am confident about an exam question on this topic.
- I am also good at remembering information about life in Nazi Germany, especially how life changed once Hitler came into power. I can give specific examples too about the roles of women, unemployment and propaganda.
- I know the key dates, end of WW1, Treatyof Versailles, Wall street crash, HItler coming into power and WW2.

#### Gaps in knowledge

- I struggled to remember much about the Weimar Republic, maybe because we did this so long ago?
   I need to go over the Weimar being established with the constitution, proportional representation and a basically that time period at the beginning.
- I get confused between the Sparacist uprising and the Kapp Putsch. I need to go over that again.
- I couldn't recall much about Gustav Stresemann. I need to look at that again.



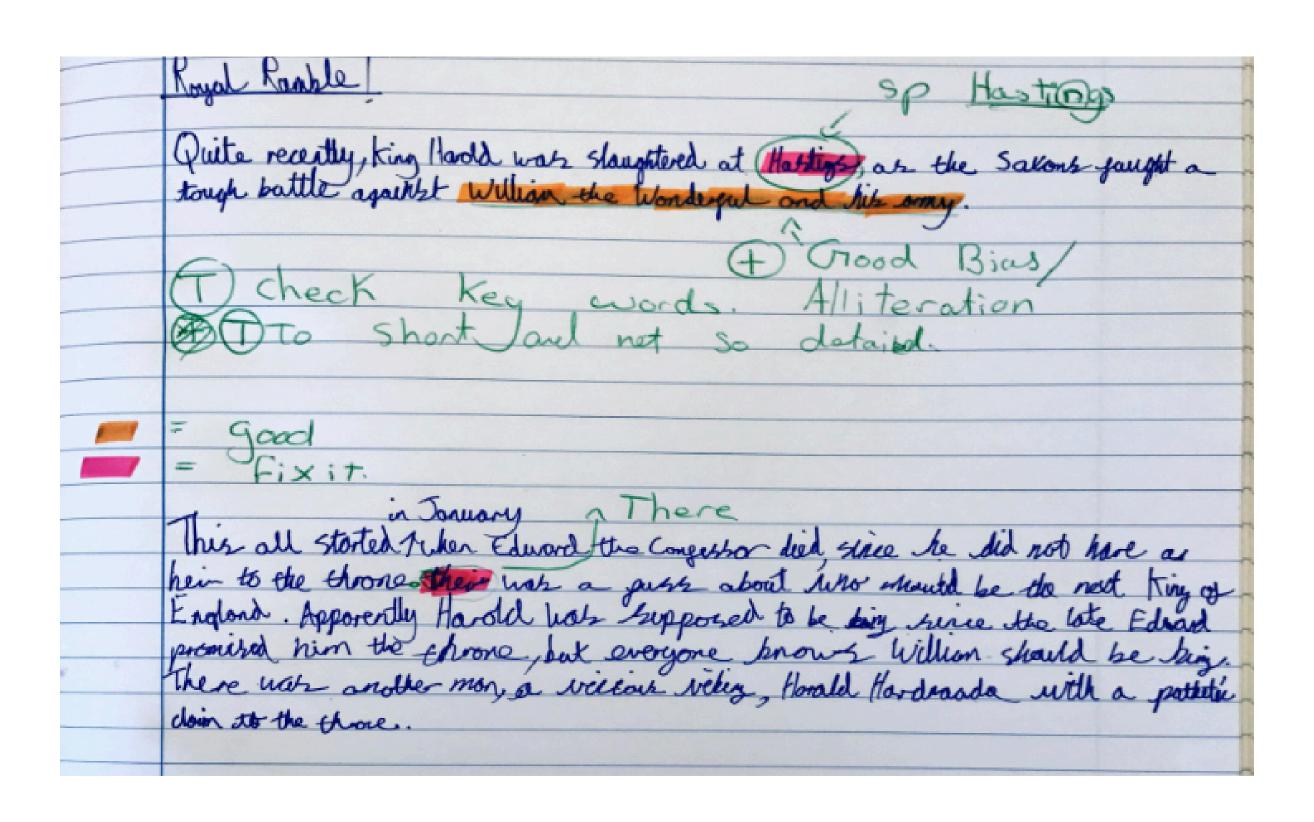


### Peer Assessment



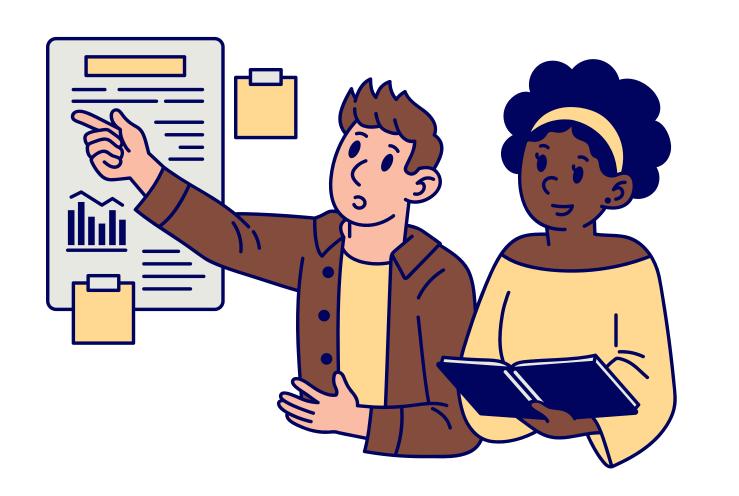


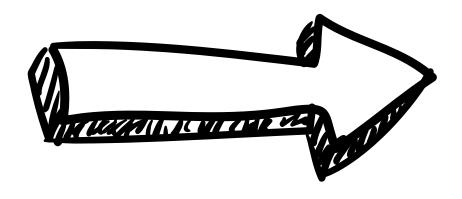
# Immediate Impact: Peer Assessment

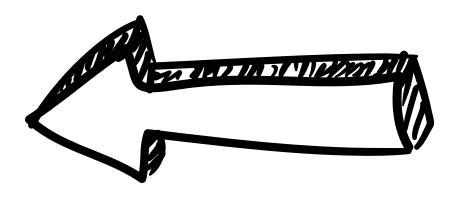




### 'It Takes Two'





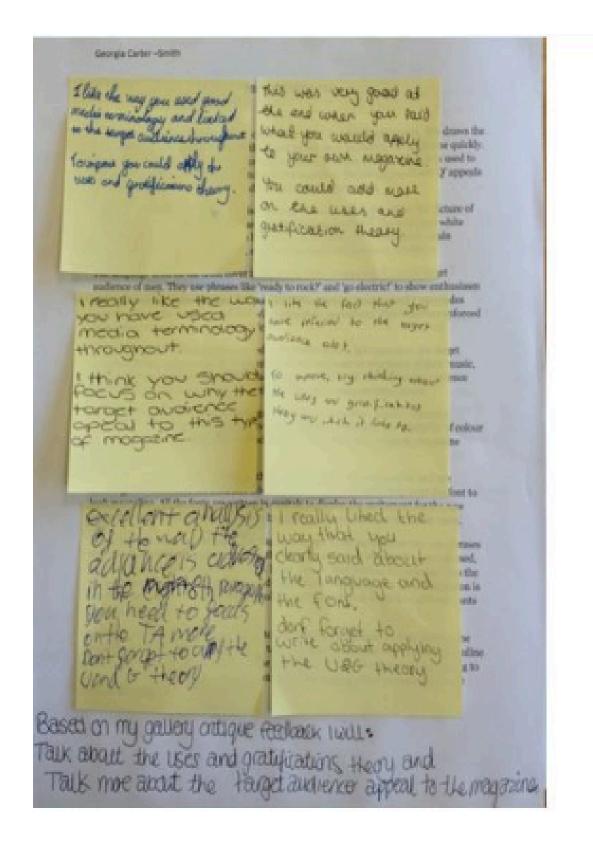


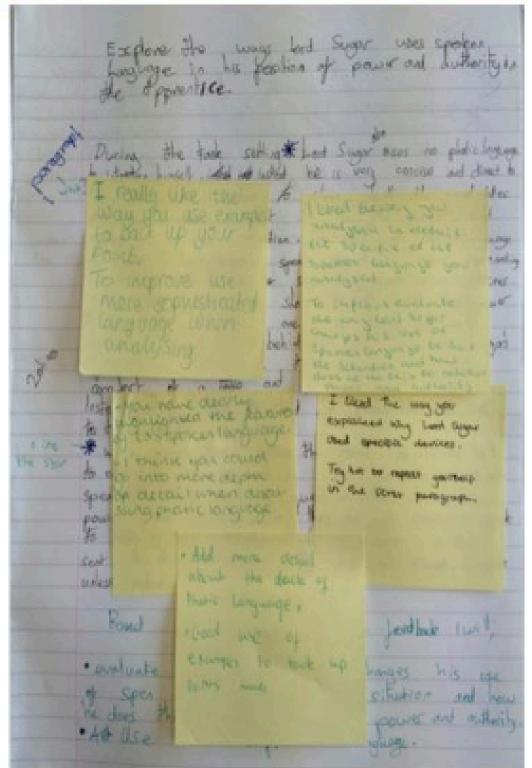


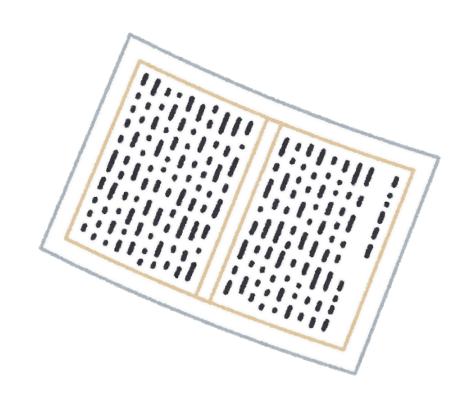
### TAG Me

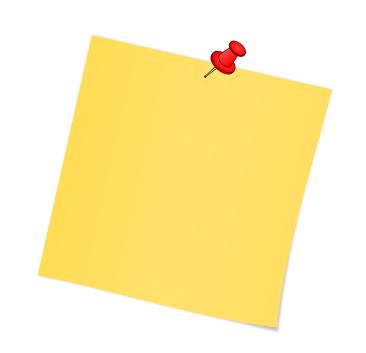
- T Tell me something you like (about my work)
- A Ask me a question (based on the work)
  - G Give me a suggestion (to improve my work)

# Gallery Critique (Ron Berger)







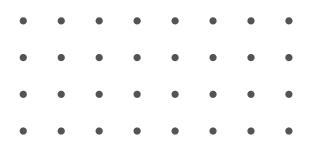


"The only thing that matters with feedback is the reaction of the recipient. That's it. Feedback —no matter how well designed— that the student does not act upon is a waste of time."

#### **Session Summary:**

- Feedback should be understandable, helpful and actionable.
- Feedback can be immediate or delayed the teacher will use their professional judgment and expertise to decide but it should be a regular feature of lessons.
- Feedback can be verbal, written, through the use of technology or through self and peer assessment.
- The only thing that matters ... is what the learner does with the feedback!











katejoneseducation.com

