



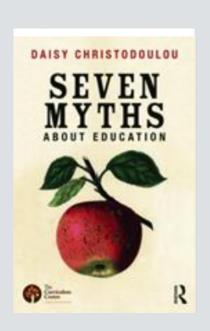
Dr Nathaniel Swain



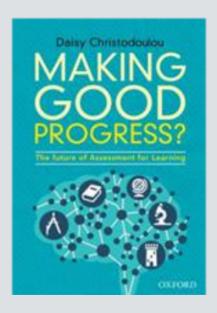


Daisy Christodoulou









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Director of Education No More Marking





Creating effective assessments

Getting the balance right between formative & summative assessment



The place to boost writing skills!



How would you measure progress towards a marathon?





Sensible ideas

- Get a plan
- Start with shorter runs and build distance
- Spend time in the gym
- Yoga / Pilates
- Think about nutrition, sleep, equipment
- Monitor improvements on all of these activities

Less sensible ideas

- Run a marathon in every training session
- Record times
- If you are getting faster, that shows you are making progress



What is a complex skill?

- Complex skills are the end goal.
- They can be broken down into small steps.
- Formative assessment measures the small steps.
- Summative assessment measures the end goals.
- The small steps really matter, and they often look different to the end goal.
- When we forget about the small steps, bad things happen!
- In the words of Lorraine Hammond, "sight words are a goal, not a strategy."



Formative & summative assessment

Formative assessment

- Aim is to provide helpful next steps.
- Assessment for learning
- Set learning goals
- Break down complex skills and isolate the parts so you can see which bits a pupil is strong or weak at
- Don't use grades!
- Use frequently

Summative assessment

- Aim is to provide an accurate shared meaning
- Assessment of learning
- Set performance goals
- Measure the complex skill itself this is the end goal
- Use grades which are essentially methods of communicating shared meanings
- Don't do too frequently



So how does this work in practice?

- What assessment methods can we use to put this into practice?
- What about rubrics?



Accurate shared meaning?

Can compare two fractions to identify which is larger

Which is bigger: 3/7 or 5/7? 90% get this right

Which is bigger: 3/4 or 4/5? 75% get this right

Which is bigger: 5/7 or 5/9? 15% get this right

Qtd in Wiliam, Principled Assessment Design, SSAT 2014



What about writing?

If vague rubrics are a problem with maths, what about writing rubrics?

Can use vocabulary with originality and flair?



Helpful next steps?

'I remember talking to a middle school student who was looking at the feedback his teacher had given him on a science assignment. The teacher had written,

"You need to be more systematic in planning your scientific inquiries." I asked the student what that meant to him, and he said,

"I don't know. If I knew how to be more systematic, I would have been more systematic the first time."

This kind of feedback is accurate—it is describing what needs to happen—but it is not helpful because the learner does not know how to use the feedback to improve. It is rather like telling an unsuccessful comedian to be funnier—accurate, but not particularly helpful, advice.'

Dylan Wiliam, Embedded Formative Assessment



Assessing without descriptors

Formative assessment

- Improve rubrics by backing them up with specific multiple-choice questions
- Improve rubrics by designing specific whole-class feedback

Summative assessment

- Improve rubrics by using Comparative
 Judgement
- Report scaled scores



Multiple-choice questions



Multiple-choice questions



- 1. Baku
- 2. Tbilisi
- 3. Chisinau
- 4. Astana
- 5. Yerevan

Unambiguously wrong... but still

plausible!

What is the capital of Moldova?

- 1. Paris
- 2. London
- 3. Chisinau
- 4. New York
- 5. Mexico City

Unambiguously wrong... but not plausible!

Create unambiguously wrong but plausible distractors!





Whole-class feedback

Feedback from judging

Task: Narrative writing

What were the common misconceptions? Were there any mistakes made by lots of pupils? How could these inform the next lesson?

- Some persistent problems with tense, particularly near the end. Most of the
 descriptions started in the past tense, but some of them switched into the present
 tense, seemingly for dramatic effect. Jack's description is a good example of this:
 - The boy played with the bucket and spade. The girl dug a hole in the sand with her hands. Suddenly a wave knocks them off their feet!
- Could display this next lesson with those two sentences highlighted, ask pupils to correct it and then see if they can spot a similar error in their own work.
- Quite a few of the stories focused heavily on describing everything that could be seen
 in a way that become quite repetitive way and missed the opportunity to describe how
 the beach looked and / or the feelings of the tourists. Repeat section from a few
 lessons ago on using adjectives to build suspense.

Which pupils struggled in other ways?

- Jason wrote a story instead of a description repeat activity on purpose from a few lessons ago which included comparison of narrative and description – direct question on this in class to Jason.
- Jill used quite a few slang words and phrases remind her about this, ask whole class what phrases they could use instead of 'don't even go there' and 'well chuffed'.

Which pupils produced excellent work that could be shared with the class in the next lesson?

- Jane's description used the 'zoom' technique we have practiced in class really well –
 she zoomed in on a small child who was so engrossed in trying to catch a fish that he
 fell into the sea! share this.
- James used the 'five senses' structure we have worked on in class, and gave some really original descriptions of the taste of the salt in the sea air blending with the salt on the fish and chips. Share this on the visualiser.

Whole-class feedback

Task: Narrative writing

What were the common misconceptions? Were there any mistakes made by lots of pupils? How could these inform the next lesson?

- Some persistent problems with tense, particularly near the end. Most of the stories started in the past tense, but when pupils got to the part where they described the alien landing, they switched into present for dramatic effect. Jack's story is a good example of this:
 - The spaceship buzzed around the sky and then landed. Two aliens get out and threaten the locals!
- Could display this next lesson with those two sentences highlighted, ask pupils to correct it and then see if they can spot a similar error in their own work.
- Lots of pupils used the word extraordinary to describe the alien landing, but lots misspelt it as 'extrordinary' – could do quick activity on 'extra' as a prefix.
- Quite a few of the stories focused heavily on action in a repetitive way and missed the
 opportunity to describe how the aliens looked and / or the feelings of the locals.
 Repeat section from a few lessons ago on using adjectives to build suspense.

Whole-class feedback

Which pupils struggled in other ways?

- Jason wrote a newspaper report instead of a narrative repeat activity on purpose from a few lessons ago which included comparison of newspaper report and narrative – direct question on this in class to Jason.
- Jill used quite a few slang words and phrases remind her about this, ask whole class what phrases they could use instead of 'don't even go there' and 'well chuffed'.

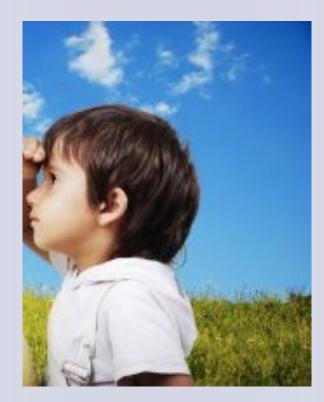
Which pupils produced excellent work that could be shared with the class in the next lesson?

- Jane's story had fantastic simile about how the alien's tentacles looked like strands of spaghetti slithering around a plate – share this.
- James structured his piece really well good mix of narrative and description, and a clear ending as well. Share the ending on the visualiser.



Writing Comparative Judgement

Writing Why is judging absolute quality hard?





The place to boost writing skills! © No More Marking



Working at the expected standard

The pupil can write for a range of purposes and

- creating atmosphere, and integrating d the action
- selecting vocabulary and grammatical s required mostly correctly
- using a range of cohesive devices*, incluand paragraphs
- using passive and modal verbs mostly a
- using a wide range of clause structures, sentence
- using adverbs, preposition phrases and detail, qualification and precision
- using inverted commas, commas for cla

In a perfect world, our petad library would be able to offer everything blat's persoble and appropriate. But wise budget limits throughout the school system, be administration music be sure their making ble best choices by beaks and majornes, so magazines like "bleen People" and "4M" should not be paid for makead of educational books and publications.

The purpose of school, and school libraries, is learning. Supporters by popular magazines argue that there is something to be learned from any reading material, but I believe seems know by blearning are more important to students features than alter kinds. If the school library lass to choose between teaching teenage girls about the achievements of plansiest theman.

Normally, we ask: does this piece of writing meet the criteria?



I've wanted to shoot a crow for sometime now. I don't know why fell this need. Something inside me tells me to shoot the crows down Is it possible the state simple kings I hear from the birds ... or maybe the crows do. they mack me? hock at that wingless, fool there, let's crow? The crowing. The crowding, maybe may paramoia of the organis is linked to that of the propele I want shoot. but then what is the song-bird senging? I am protecting something. I do not want to kill anything iftenly goes music rad more than just a chosus I cannot figure out the lyric The scientists and the doctors think they can and they might know what they there they know I know that I do not know. Who am I and who are my friends: the song-pired, the scientists of the doctors: Do I even

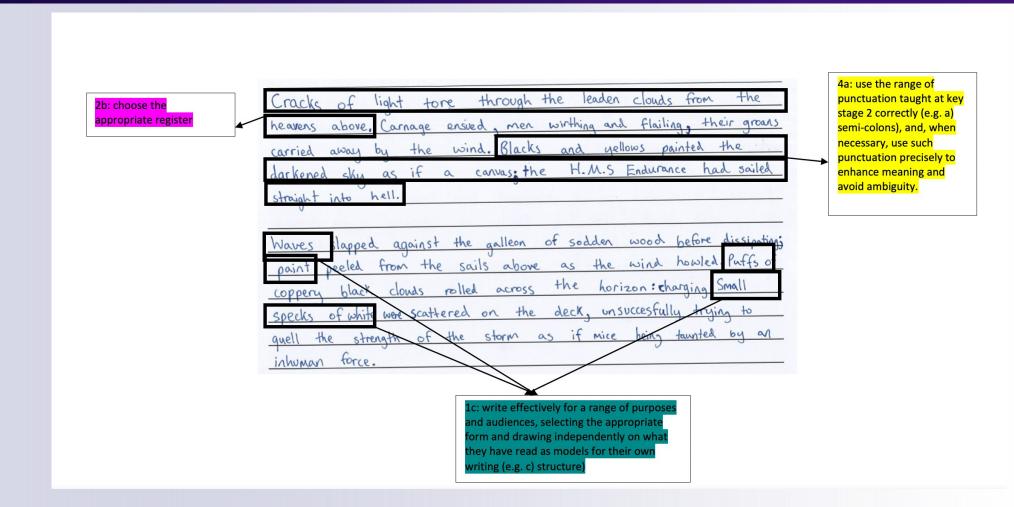
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Instead, we should ask, is this piece of writing better than this piece of writing?

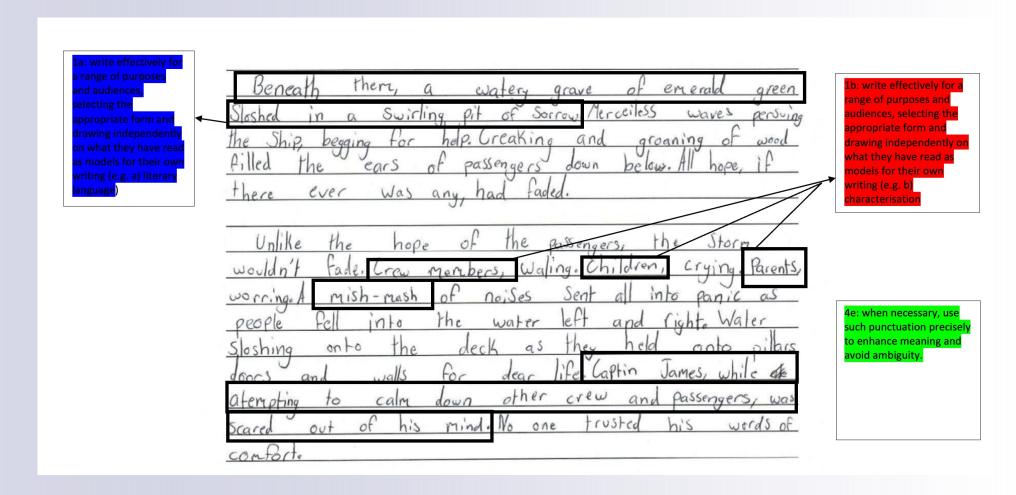


Use exemplars to give meaning to rubrics





Use exemplars to give meaning to rubrics

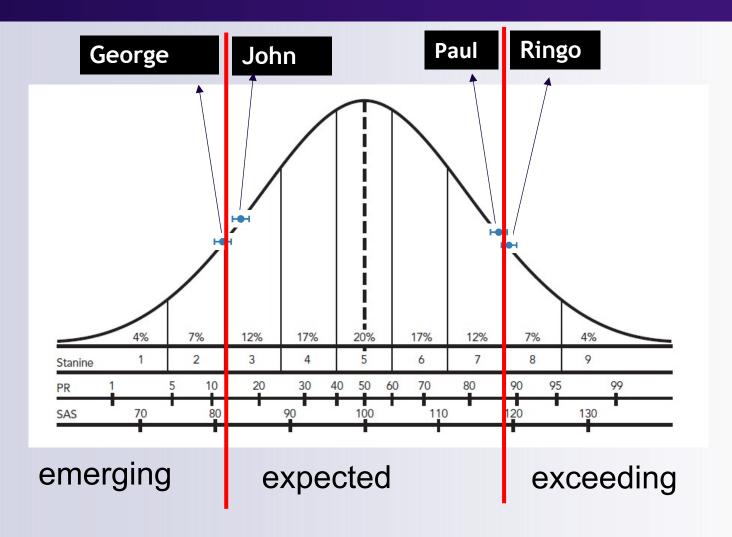




Standardised scores



What is a grade?





Key principles

- 1. Distinguish between the end goal and the steps on the way.
- 2. Use multiple-choice questions and whole-class feedback to define the steps on the way.
- 3. Use scaled scores & Comparative Judgement to define the end goal.





Dr Nathaniel Swain