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Flexing formative feedback to achieve different outcomes

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Intended Learning Outcomes

By the end of the session you will be able to:

- Consider the value of language in encouraging students to take increased responsibility for acting on feedback;
- Develop an awareness of how feedback practice can be flexed.

The session will include:

- Opportunities to reflect on feedback experiences;
- Engagement with recent research related to student perceptions of feedback;
- Active tasks including analysis and reframing of feedback comments.

What is feedback?

"The notion of feedback is fascinating – whilst feedback is referenced in almost all studies of learning, it sometimes seems as if it is a unidimensional notion understood by all."

Hattie & Masters, 2012

- How do you define feedback?
- Consider your own experiences of giving and receiving feedback.
- What might your students say?

Feedback as....

Analogies and metaphors are a common tool used within the feedback discourse:

- the feedback triangle (Yang and Carless 2013),
- feedback as a loop (Mislevy 2012),
- 'feedback as telling' (Boud and Molloy 2012 p.14),
- feedback as a gift (Hargreaves 2005),
- feedback as a dialogue (Carless et al. 2011; Nicol 2010),
- feedback as talk (Ajjawi and Boud 2018),
- feedback as a consequence (Hattie and Timperley 2007),
- feedback as a Trojan horse (Kirton et al. 2007) or
- feedback as an 'elaborate dance' (Dennis et al. 2018, p.93).

Position within AfL paradigm

- 1. Clarifying and sharing learning intentions and criteria for success.
- 2. Engineering effective classroom discussions, questions, and learning tasks.
- 3. Providing feedback that moves learners forward.
- 4. Activating students as the owners of their own learning.
- 5. Activating students as instructional resources for one another.

Interactions

Feedback Can Occur Between:

- tutor to student
- student to tutor
- student to student
- tutor to tutor

Which is most valuable in schools, and why?

The feedback students give teachers can be more powerful than the feedback teachers give students (Tovani, 2012)

What teachers see as feedback

- Comments
- Clarification
- Criticism (pros & cons)
- Confirmation
- Content development
- Correction

[All of these tend to relate to how the student is doing now]

(Hattie & Masters, 2012)

Student perceptions of feedback

Feedback is much more about what students receive than teachers give.

Students contend strongly that they attend to feedback, even if they fail to act upon it (Glover & Brown, 2006).

When feedback is given to the whole class, it's received by no-one as they believe it is not about them (Hattie talk, 2012).

Tutors believed that they were providing more detailed feedback than the students themselves believed they received, and that the nature of their feedback was more useful than the students perceived it to be (Glover & Brown, 2006).

There is confusion about the purpose of feedback from both tutor and student viewpoints, as it is often linked to grades rather than to improve learning (Carless, 2006, Handley, Price & Millar, 2008).

Students may claim to understand the feedback, even when they did not, and when they did understand it, they did not know how to apply it to their future learning (Nuthall, 2007).

What sort of feedback does your teacher give you about your physics work?

L: We get, like, those question things...

W: She marks our book regularly as well.

S: She gives like a question that we have to do, or something to prove.

B: All teachers have to do it, but it's not really very good 'cos normally they are questions that you don't know the answer to.

L: if you just ask her, she tells you the answer, because that's all she can really do. But the questions are sometimes just like, why haven't you underlined this with a ruler? And it's like ... I forgot!

W: You get an odd question, every couple of months that you actually have to think about, but the rest of them, they're not that useful. The questions are more like time-wasting.

S: That's not her fault though, that's the school policy.

Task



What was your feedback about?

	Hattie & Masters (2011)	Gan (2011)	Van den Bergh, Rose & Beijaard (2013)
Level	18 secondary classes	235 peers	32 teachers in primary school
Task	59%	70%	51%
Process	25%	25%	42%
Regulation	2%	1%	2%

4%

5%

Self

14%

	Hattie & Masters (2011)	Gan (2011)	Van den Bergh, Rose & Beijaard (2013)	Brooks, Carroll, Gillies & Hattie (2019)	Bloom (2020)
Level	18 secondary classes	235 peers	32 teachers in primary school	1 Y7 class (n=28)	4 GCSE Physics teachers (45 lessons)
Task	59%	70%	51%	78%	37-84%
Process	25%	25%	42%	16%	13-40%
Self- Regulation	2%	1%	2%	6%	0-5%
Self	14%	4%	5%	*not coded	0-2%

Task repeat (with prompts!)



Observation audit 1

Statement: Provides information about the particular level:

Task/Product – correctness of response, clarification, criticism, confirmation

Process/Strategy – recognises what strategy or process has been employed

Self-regulation – recognises effort, persistence, resilience, reflection

Praise/self – undifferentiated, personal, non-task-related statements

Prompt: a cue for further development:

Task/Product – clarifies next step, what else to include, how to develop content

Process/Strategy – provides strategies/suggestions/cues for error detection, next steps, information search, procedural hints

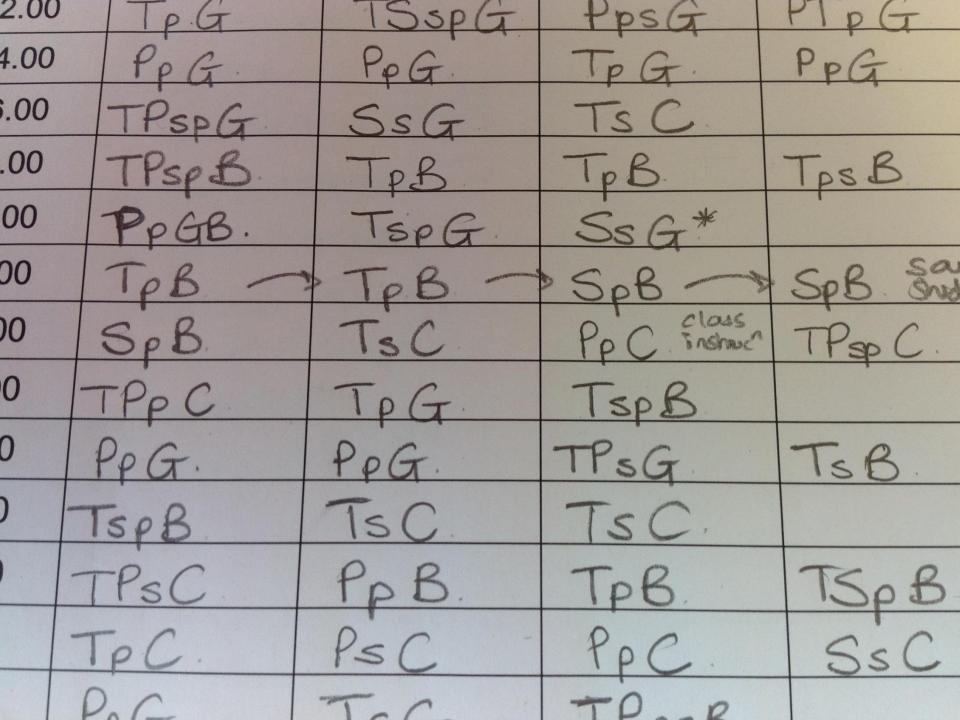
Self-regulation – reflective probes that guide further self-evaluation

Praise/self – non-specific prompts, unrelated to learning intentions

Observation audit 2

Key:

Feedback level		Feedback	type	Target	
Task/product	Т	Statement	S	Girl	G
Process/strategy	P	Prompt	р	Boy	В
Self-regulation	R			Class	C
Praise/self	S				
Instruction	1			Team	Т
Other	0				



				<u> </u>	1	
17.00	PpBs'					when you do calculations, assuring no E. 1088
18.00	SpB' => PpB	2 SOGO.	TOG > TOG	POBNP	B →	10 K? Lexplains A process. 3 Ladier, we ok?
19.00						+ greeny colour paper 1 Just do it like that 2 OK. 3 you can round, along the 1 PpB > TBB>
	TSB-PB-T					(describing to Jack).
21.00	TOB > TSB >					'unats in slower heaters
22.00	S.0 - O. B	-Sal >0-	B->TOB->	15B→SpB=	68. TsB'	'It would still be so.
23.00	PoG' ->TSG2	. TPG >P	G3 > ToG=	TOG. TOB	4	"Memy prompt. 2 Yes that's right. 3 you need to include book is copier. 4 Be more in a second Ben
24.00	PoG > PoG.	PPG->TOG.	SsG'>5s	G->TSG->TOG	> SsB2. Ts	'Memy prompt. 2 Yes thats right. 3 you need to include that it's copper. 4 Be more in a second Ben 1 you warry. 2 well done thinks. 3 That's right well done 1 you warry. 1 S.B. 4 that's right. 1 That work.
25.00	TSB > POB>	SpB. PoB.	TSB > PB B+	TSB. TSB>1	POB > POB >	
26.00 -	TsB. TsB'					that alight that fine. "Stick sheet in. " Ben why are you in a low chair.
	PoB -> SsB					· You're doing some work. 2 See if you can
	ToB'. Robs 2					Gree 2 whats wong with you lot 3 Don't breet
	TSG - PpG	1			1 mm m m m m m m m m m m m m m m m m m	"Jov're done it right. 2 How are we doing:
	TSB. TSB					this when you worked it out
31.00	TsG-TsG	The second second second second	The second secon		_	"were you shick on nomber 7. Itwe a little discussion. 2 Does that help solve the problem.
32.00		. PPGB.		-, ,		
33.00	TPG TTSG					I think about a Storage heater.
34.00	ナスハーエ	0 - 0-01 -	T. C DON	FATSG.		· what do you trink.
35.00	TSB->TOB->	TSB. PPB-	TOB-POF	375B>POB	· SsG3T6	Jack how did you get on (taske?) 20K. good, hove
36.00	TSG. TPG	TOG STS	G. TSB	SsB'. Pp (7.	Jack how did you get on (task?) 20k. good, hove you protend? Uyes, well done Jack opport
37.00	4		The same of the sa	SB->TPB->		10 k. 2 mars your change in temp.
38.00	PTSB PTSI		1			* telles to Hester uso came into voor.

Analysing verbal feedback

Is that the furthest for	ward he goes? prompting a girl to process a response	Р	pG
Well what do you thin	k? prompting the girl to think further	Р	pG
If that's what you thin	k then use that number prompting the girl to consider the number	Р	pG
[girls answers in negat	ive] well then, we'll talk about it stating that they could discuss the answer	T	's G
Don't be frightened of	making a mistake, prompting a self-regulation response	R	рG
this is part of the learr	ning process prompting a self-regulation response	R	ksG
[Teacher 2, lesson 7, 29	9.50-30.05m]		

Main findings

- teachers have dialogic characteristics that can be mapped across lessons and form a 'teacher profile'
- there are a large number of oral interactions made by teachers in lessons, and feedback interactions form a high proportion of this, although pupils do not recognise it as feedback
- feedback styles as part of oral interactions vary between teachers and is a key part of their dialogic repertoire
- teachers of some experience find it hard to flex their 'default' style, despite CPD and coaching; this has implications for ITE
- Intervention teachers did manage to increase their P and R feedback amounts
- pupils who received a higher amount of both prompt and process feedback developed more positive self-belief systems (gains in selfconcept and self-efficacy, reduced subject anxiety)
- relationship is key, and verbal feedback builds relationships; the current notion of disparaging praise as detrimental to learning needs to be nuanced.

Feedback is complicated...

- Feedback is complex;
- Feedback has affective dimensions;
- Feedback is inherently relational;
- You cannot remove the self from the feedback;
- Feedback can have positive/negative consequences in terms of identity, motivation, self-worth, self-regulation;
- Feedback is often focused on the product;
- How the feedback is intended does not always translate to how it is received.

So, how can we modify our feedback to make it less problematic?

Three Fundamental Principles of Effective Classroom Feedback

1. Be more work for the recipient than the donor. Feedback should cause thinking. Students should be expected to have time to do something with it.

2. Be focused

'less' can be more: feedback should be accurate and helpful

3. Relate to shared learning goals

Have clear learning intentions and success criteria that are referenced through a lesson & in feedback given at the appropriate time

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