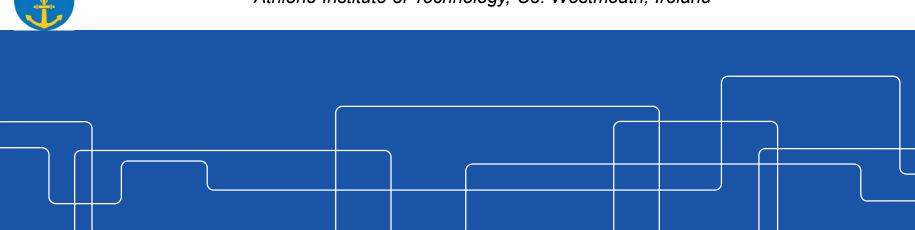


Haninge kommun

Bedömningsexempel och sambedömning med hög reliabilitet

Eva Hartell¹, Donal Canty², Niall Seery^{1,3}, Andrew Doyle¹, and Jeffrey Buckley¹







De fem nyckelstrategierna för formativ bedömning

	Vart eleven är på väg	Var eleven befinner sig nu	Hur eleven ska komma dit
Lärare	1. Klargöra, dela och förstå lärandemål och framgångskriterier	2. Skapa och leda affektiva diskussioner, uppgifter och aktiviteter som lockar fram belägg för läranda	3. Ge feedback som för lärandet framåt
Peer	Dela och förstrå lärandemål och framgångskriterier	4. Aktivera elevarna som lärandersurser för varandra	
Learner	Dela och förstrå lärandemål och framgångskriterier	5. Aktivera elevarna som ägare av sitt eget lärande	

Leahy et al (2005), Black & Wiliam (1998), Hartell (2012)



The Concept of ACJ



Assessment Example





Assessment Example





Assessment Example

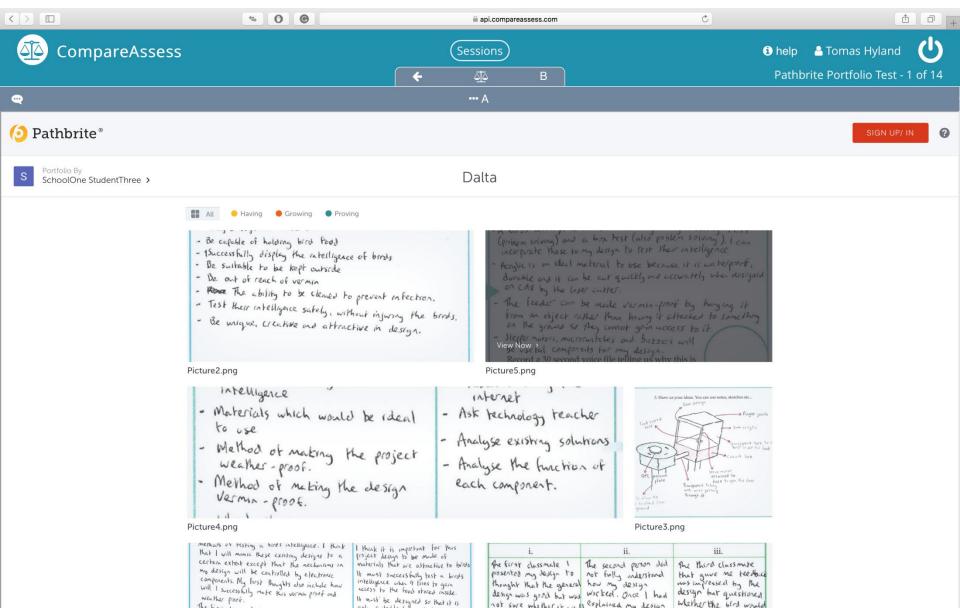




Which one is "better"?

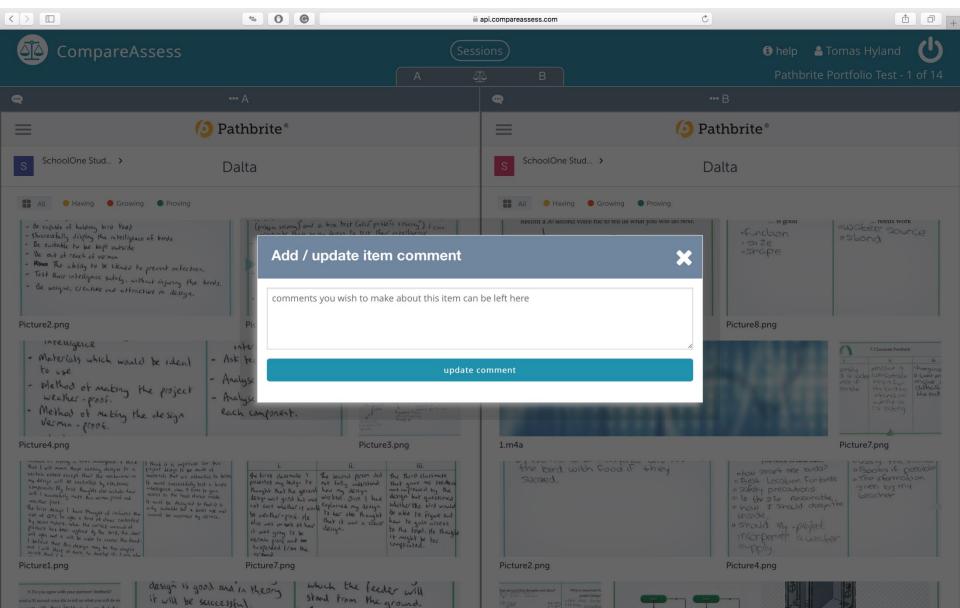










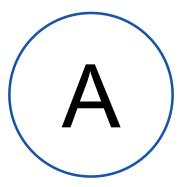




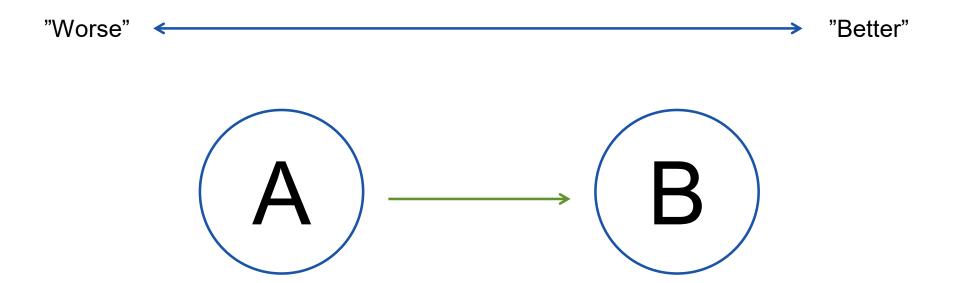


"Worse"

"Better"

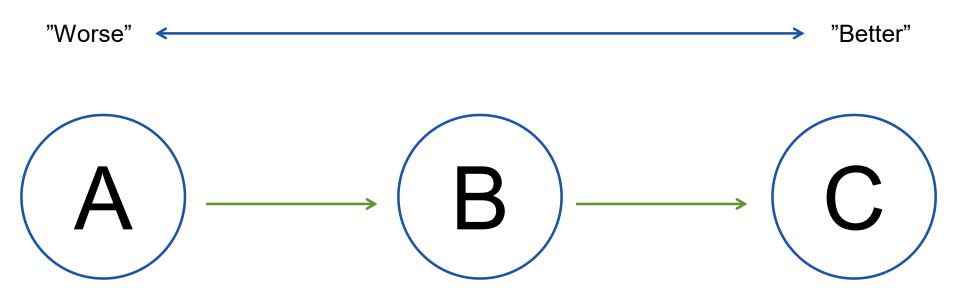






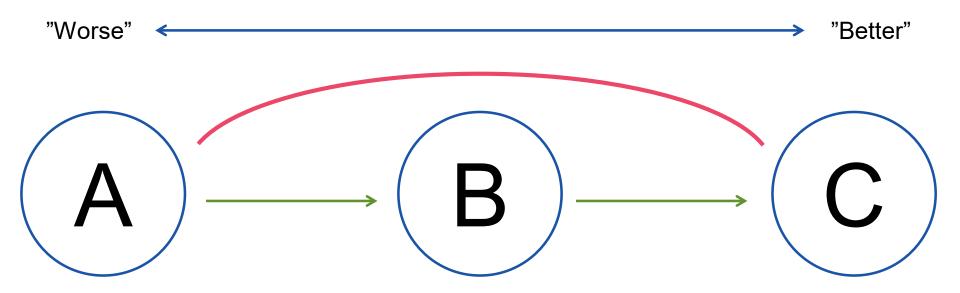
A judgement is made that B is better than A





A second judgement is made that C is better than B





Therefore, it is probable that C would be better than A More judgements = More confidence







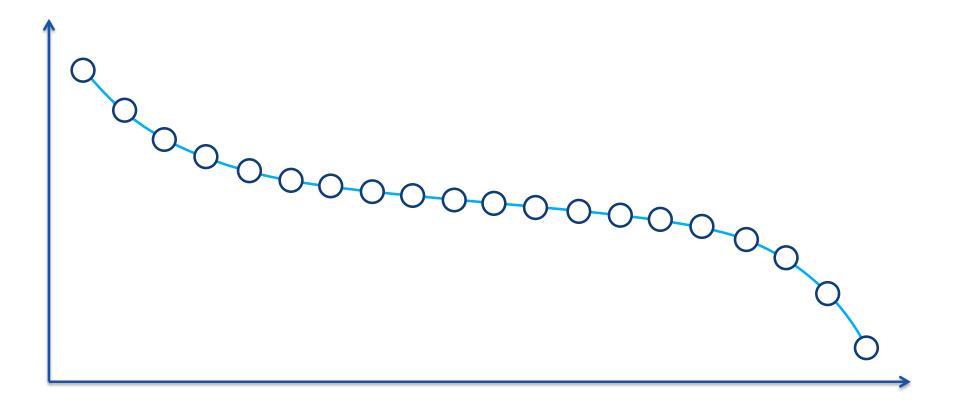
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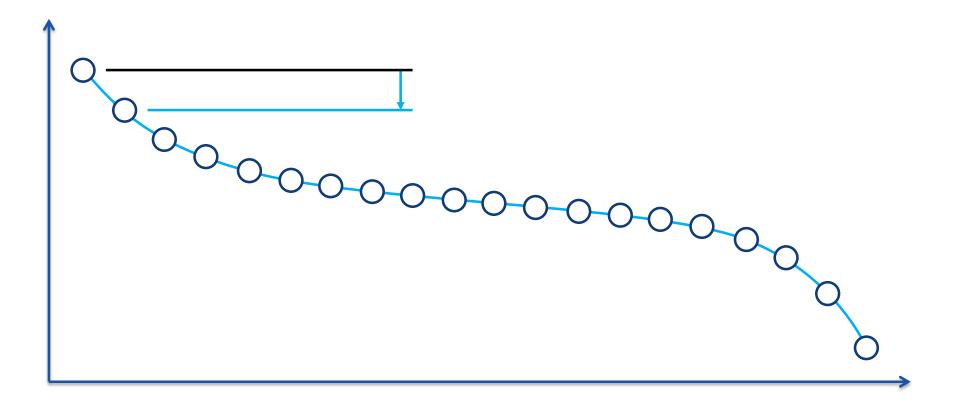






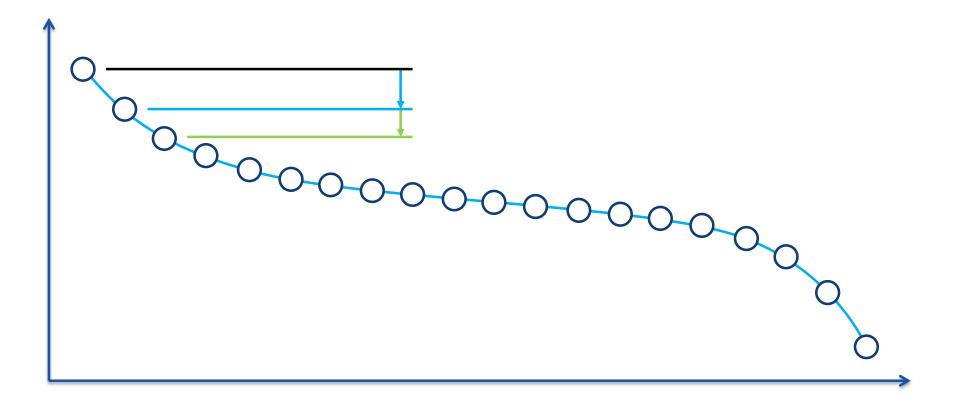


Parameter Values



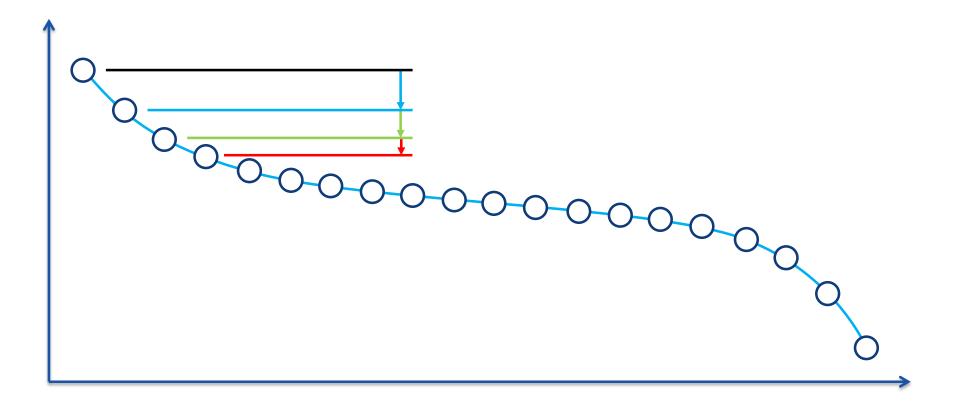


Parameter Values



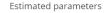


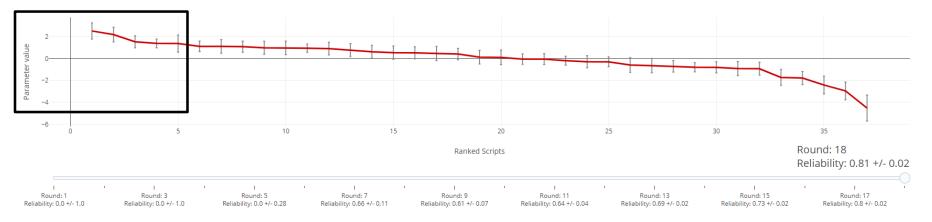
Parameter Values

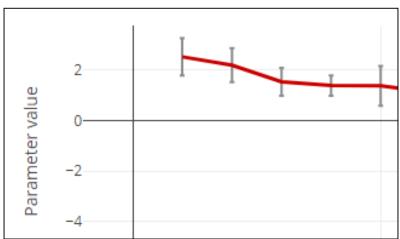




Sample ACJ Rank



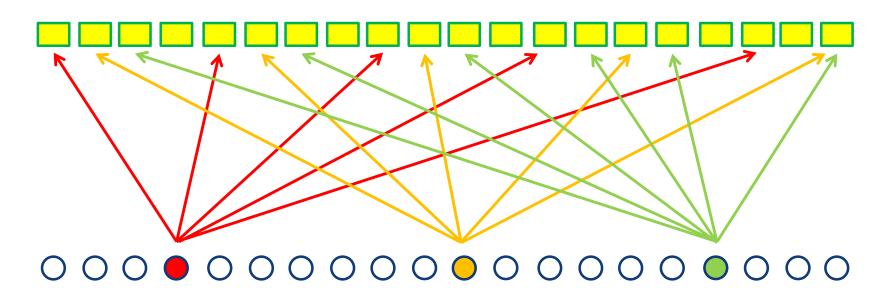






Exposure to a Broad Range of Work

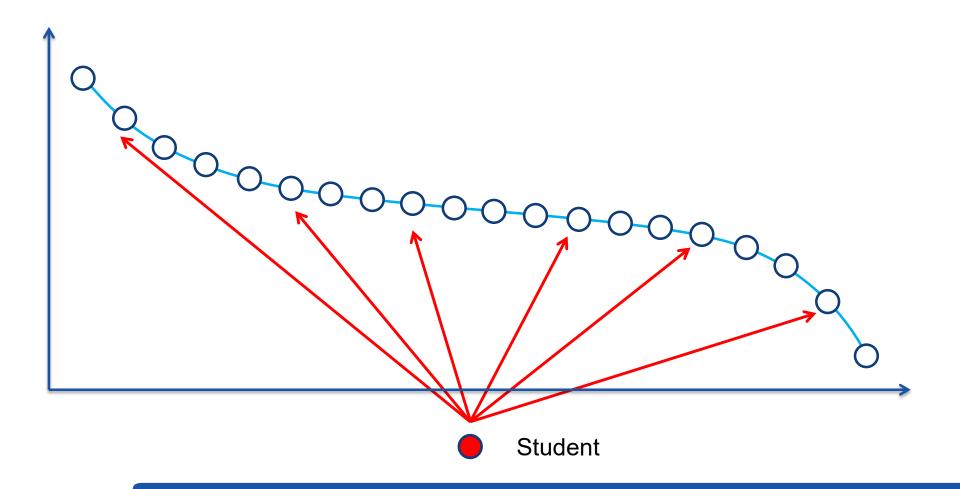
Portfolios



Judges (e.g. Teacher or Student)

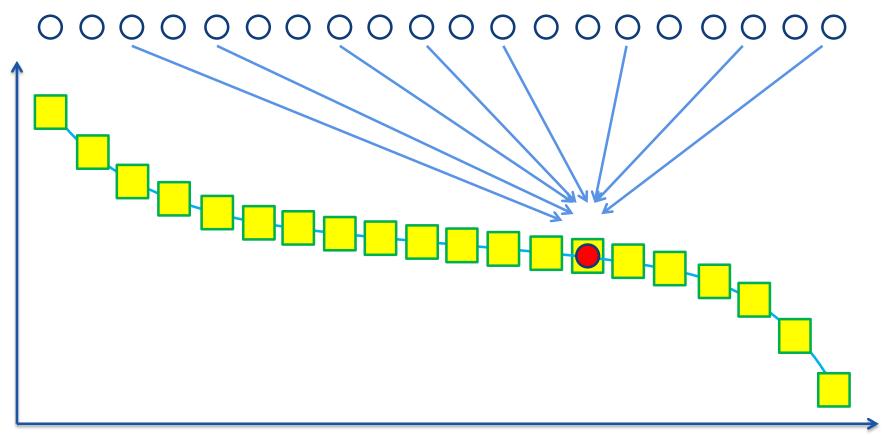


Exposure: Understanding Standards





Feedback



Feedback from Multiple Sources



ACJ in the Classroom

Important to note – we have selected four case studies to illustrate how ACJ addresses the 5 principles, however one case study may address a number of principles



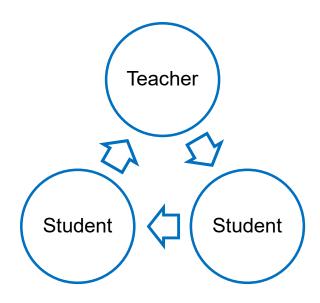
Addressing the 5 key principles

Players in the educational transaction

Teachers Role

Student Role

Peer's Role

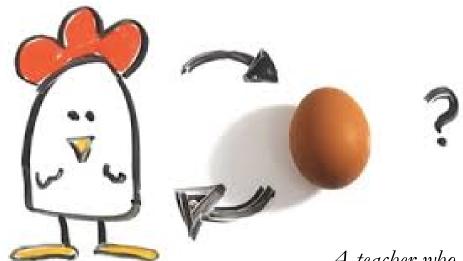


Must develop evaluative skill and assessment literacy to effectively contribute to this process



Addressing the 5 key principles

Developing Evaluative Skills and Assessment Literacy



A teacher who fails to assess what the students do, cannot decide whether or not she is contributing to or impeding their progress. (L. Lindström, 2006)



Case Study 1

	Where the learner is going	Where the learner is right now	How to get there
Teacher	Clarifying, understanding learning intentions and criteria for success	2. Engineering effective classroom discussions and other learning tasks that elicit evidence of student understanding	3. Providing feedback that moves learners forward
Peer	Understanding and sharing learning intentions and criteria for success	4. Activating students as learning resources for one another	
Learner	Understanding learning intentions and criteria for success	5. Activating students as owners of their own learning	



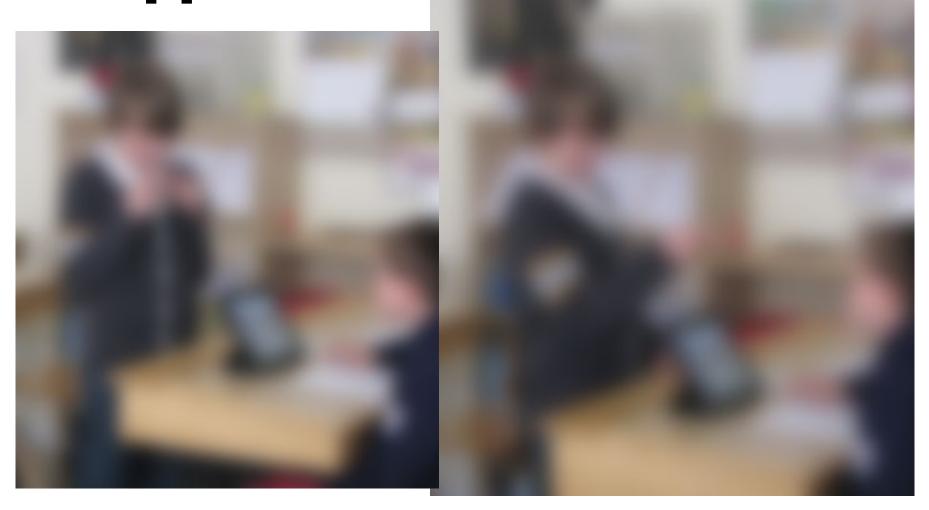
[1] Focus

Clarifying learning intentions and criteria for success
Inviting learners to where are we going



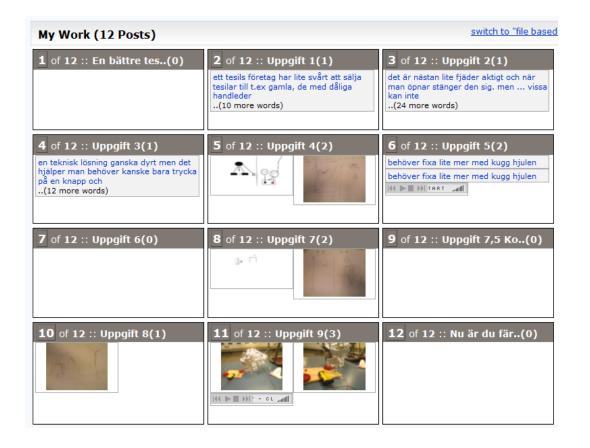


[1] Context





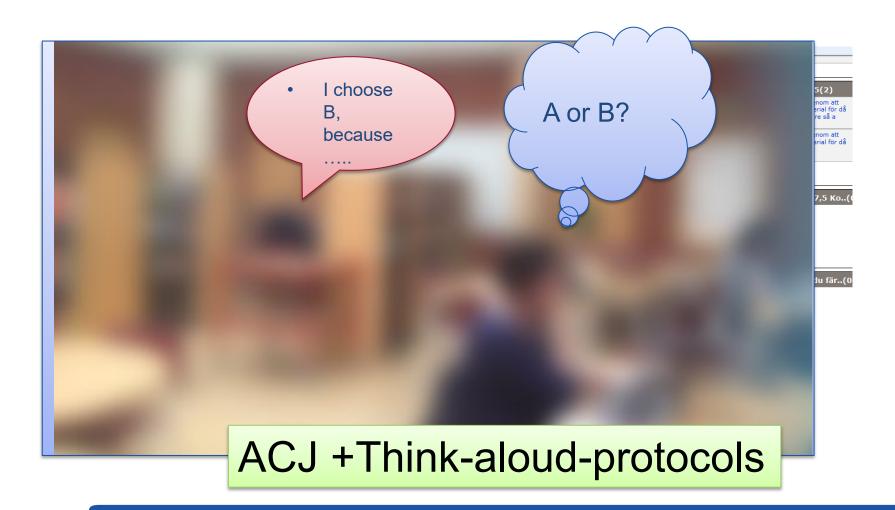
[1] Nature of data







[1] Method





[1] Outcomes (93.2)

What criteria for success were these teachers looking for?

Three strands

Consensus within this group of educated teachers

Whole-

"Red thread" (narrative/story)

but also finish the task

Particular

Other —"it felt better"

Highlights importance of

Valid tasks as well as time and opportunity to learn is needed.

Must not leave pupils in their own unreflective "doing/making", which is fairly common according to Swedish School Inspectorate

[1] Outcome

What did the teachers think of ACJ

- 1. Fun! A bit insecure in the beginning, but I felt more confident after a short while.
- 2. It was amusing/fun and I learnt a lot. It is easier to assess this way. Compare two at a time.
- 3. I like the idea that we are more who co-assess
- 4. Interesting. Different.
- 5. Fun!! But tiny internet connection problems...
- 1. This was really interesting! Took a while to see and understand what I was supposed to look for. Purpose got more explicit on what qualities I were looking for.

2. Nice to see other than my own students' work

3. "I found the assessment work through the portal gave me the strength to see students' work in a new way."



Case Study 2

	Where the learner is going	Where the learner is right now	How to get there	
Teacher	1. Clarifying, understanding learning intentions and criteria for success	2. Engineering effective classroom discussions and other learning tasks that elicit evidence of student understanding	3. Providing feedback that moves learners forward	
Peer	Understanding and sharing learning intentions and criteria for success	4. Activating students as learning resources for one another		
Learner	Understanding learning intentions and criteria for success	5. Activating students as owners of their own learning		



[2] Focus – Business Studies

Developing a shared understanding of criteria and standards between teachers and students – Action Research

Importance statement

- The two addresses are correct and in the right order
- The letter includes the Sale of Goods and Supply of Services Act 1980
- The have selected one type of redress for the issue
- The introduction matches the salutation
- General appearance
- Create a convincing argument for the award of redress

Participants

Students

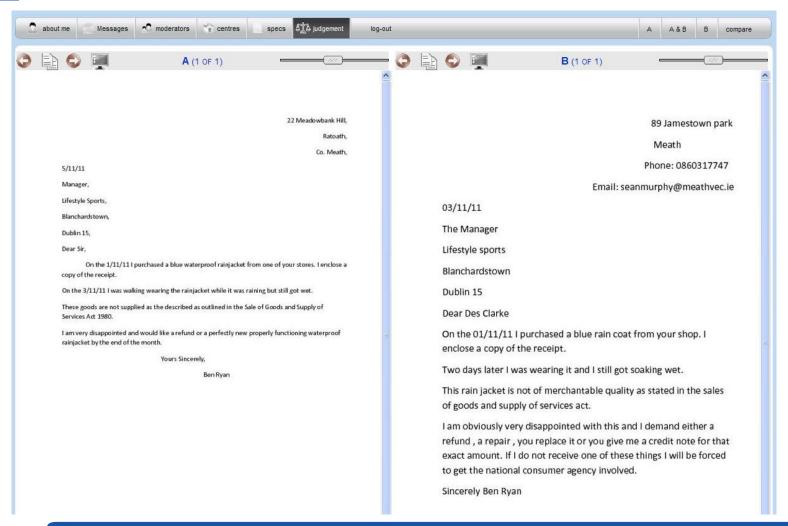
n = 28

Judges (Teachers) n = 12 (6)

Judgements n = 20

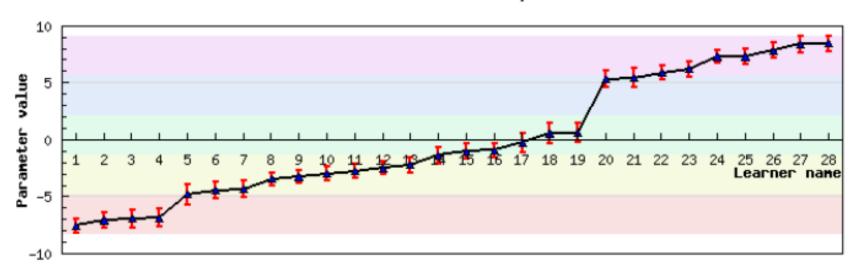


[2] Interface – Student outputs



[2] Judging Outcome

Parameter value error plot



Reliability coefficient = 0.982



[2] Overall Outcomes

- Discourse on qualities
- Classroom Integration
- Validity of ACJ (0.982)
- Evidence of Learning
- Confidence in decision making
- Shared responsibility





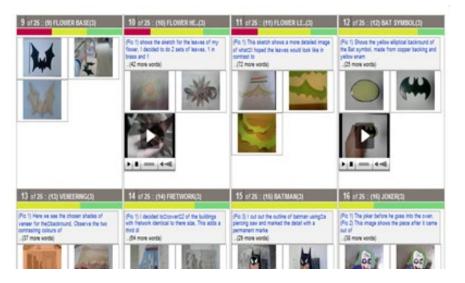
Case Study 3

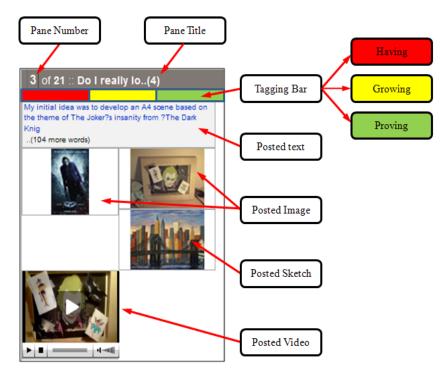
	Where the learner is going	Where the learner is right now	How to get there	
Teacher	Clarifying, understanding learning intentions and criteria for success	2. Engineering effective classroom discussions and other learning tasks that elicit evidence of student understanding	3. Providing feedback that moves learners forward	
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Learner	Understanding learning intentions and criteria for success	5. Activating students as owners of their own learning		



[3] Focus

Synchronous and Asynchronous
Authentic capture
Review and reflection
Communication Importance



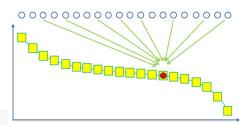


Yr. 1 ITTE Students

Capability perspective ... developing a shared understanding of evidence of learning



[3] Feedback



Portfolio Judgement History

Judgement Time	Judge	Link	Paramter	Compared to	Paramter	Notes	Winner
18th May '10 23:40	JOHN	JASON I like this idea - the healmet as the base of the flower is class - The detail in the etching for the bikes is also outstanding	7.49563	WILLIAM amazing - think the design of this project is outstanding - and the manifacture even better	5.32624	Portfolio a is a great project but portfolio b is fantastic	NO
17th May '10 23:16	JOHN	JASON I like this idea - the healmet as the base of the flower is class - The detail in the etching for the bikes is also outstanding	6.74115	EMMET 'really like this project - great idea - flower well linked with scene - like the form of the flower "staggering drunk" - like shape of car & very realistic	2.45572	I feel the flower links with the scene a bit more and this is what swings it.	NO
17th May 10 21:38	EMMET	JASON very detailed and exact account of each part of the design and why each part was choosen!!	6.74115	DANIEL good account given but could have done with better links to the design, good use of media and pictures to graphically show where ideas were comin from.	1.92673	thought the information and media presented was more creative and exact towards each process.	YES
17th May 10 21:34	EMMET	Very detailed and exact account of each part of the design and why each part was choosen!!	,	DECLA! i thought this portfolio was quite good and gave a good explaination of the reasons behind the design whilst linking it well to rural ireland.	1	while both portfolios were v good I felt portfolio b was more detailed and explained the emotion and idea that bit better even if it did do so in a slightly prolonged way	YES
17th May 10 20:44	DANIEL	JASON Extremely good portfolio. Colour, tags, good story and very good use of pictures, the evolution in the project very clear.	5.74115	WILLIAM Another good portfolio. Good use of colour.tags, pictures and a interesting story. Use of pics very good.	7.20114	Port A is pretty untouchable It has so much effort and detail which I greatly appreciate. Port B was good but unformatate it had to come against this port A.	YES
17th May 10 20:35	DANIEL	JASON Extremely good portfolio. Colour, tags, good story and very good use of pictures, the evolution in the project very clear.	5.74115	SHANE Very very good portfolio. It was colourful, full of pictures, tagged well and had a story that had proper meaning to the student.	4.80867	The hardest comparison I had to make yet!! Both were absolutely top notch but port B just edges it as theres slightly more effort in it to show the marker the evolution of the project. Port A would probably beat most other portfolios easily.	YES
16th May '10 21:49	MICHAEL	JASON joey dunlop	7.17119	COLM fallen flower	1.85799	finished producted is better	YES
18th May 10 21:44	MICHAEL	JASON joey dunlop	7.17119	DAMIEN ac do	7.17119	again two very close hard judgement to make	NO
15th May 10 11:06	MICHAEL	JASON	1	DAVID	0.2	had more visuals audios and writing that described the project best, also the theme was better	YES
14th May 10 15:17	DAVID JOSEPH	JASON Lots of content, very clear aims and direction	1	CONALL NOLAN(3378) ideas were consistant eg travelling in the car to wexford	0.333333		YES
14th May '10 14:54	SHANE	JASON very good	1	EMMA not bad but not quite as good	0.333333	lot of detail and way more content than B	YES
14th May '10 11:21	CORMAC	JASON wery thorough goes through having growing and proving effectly	1	DANIEL has little having	ä	port a done a better job in showing their different stages of design	YES
13th May 10 14:38	EOIN:	JASON i think the creativity was very good especially because of the way the helmet was made out of copper.	0	COLM	0	i think the thought into the manufacture of a was better than b	YES
13th May '10 12:45	JOHN	JASON overall well presented, alot of work and therefore better that portfolio "A"	0	DARAGH The ideas are good but i feel the overall story wasnt explained as well as portfolio "B"	0	seemed to be so much work done in the presentation to justify a win	YES

[3] Outcomes

"Having completed the ACJ assessment I am more confident in my ability to think for myself and produce work to a fairly high level of workmanship that is also creative and interesting." student 1

"I thought that by thinking outside the box too much in my design, the concept would be lost on people. Therefore I kept the theme stark but simply communicated. If I was doing the project again and was aware of the high level of creativity in the class group that I saw in the ACJ session, I would increase the level of abstract creativity in my project." student 2



Case Study 4

	Where the learner is going	Where the learner is right now	How to get there	
Teacher	1. Clarifying, understanding learning intentions and criteria for success	2. Engineering effective classroom discussions and other learning tasks that elicit evidence of student understanding	3. Providing feedback that moves learners forward	
Peer	Understanding and sharing learning intentions and criteria for success	4. Activating students as learning resources for one another		
Learner	Understanding learning intentions and criteria for success	5. Activating students as owners of their own learning		



[4] Focus

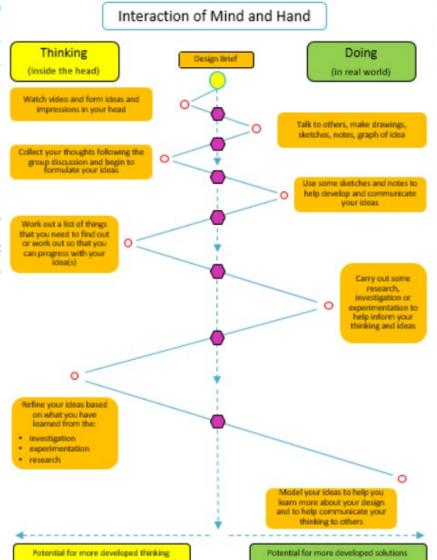
The animal kingdom demonstrates many wonderful ways in which animals evolve and adapt. To their environment. Observing animals in these environments often reveals how this adaptation has not just happened by chance.

Design a bird feeder to explore the intelligence of birds



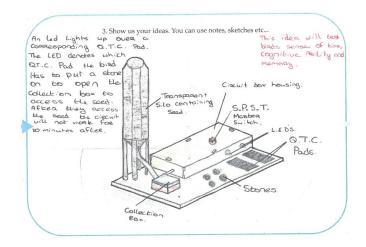
[4] Context

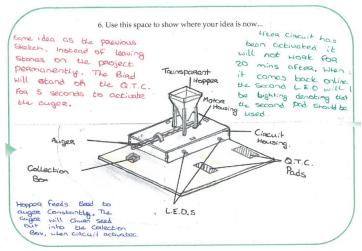
1. What are your first thoughts and ideas? What is important for this project design? How will you do this? 4. Make a list of things that you think you need to find out... 10. Model your ideas to help What did you learn from modelling your design?

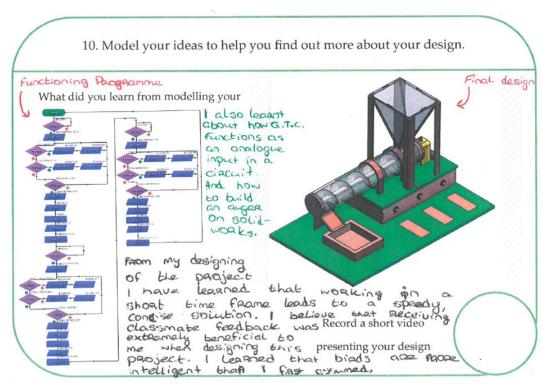




[4] Nature of data









[4] Outcomes

- Voice and video files are most important to understand one another's 'thinking'
- Feedback perspective more comfortable on an online platform due to the level of anonymity afforded to them as an adjudicator.
- Summative adjudicated
 - Frustrated in seeing peer feedback once the learning activity (2 weeks) had been completed
 - More authentic feedback provided
 - Greater understanding of how they performed relative to their peers
- Students knew where they wanted 'to go' next



Future Work ...

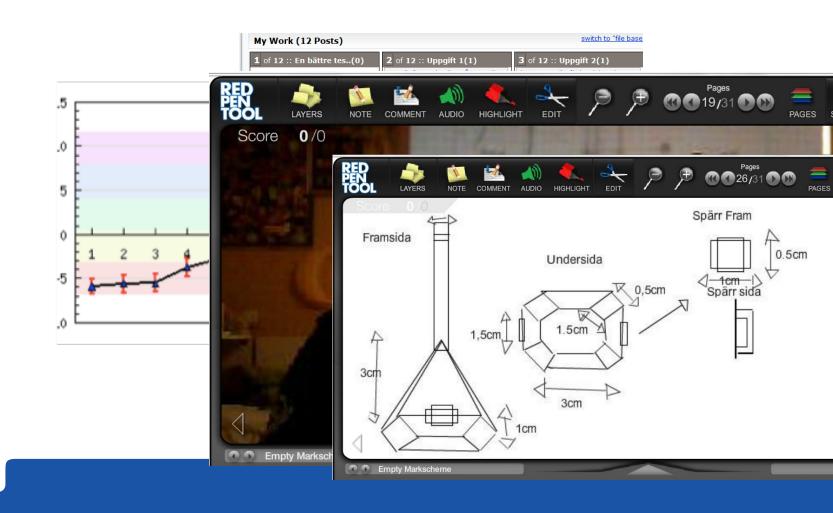


Future work

	Where the learner is going	Where the learner is right now	How to get there		
Teacher	1. Clarifying, understanding learning intentions and criteria for success	2. Engineering effective classroom discussions and other learning tasks that elicit evidence of student understanding	3. Providing feedback that moves learners forward		
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Learner	Understanding learning intentions and criteria for success				



Building sample banks of exemplars





Providing affordance w E-portfolios & Comparative judgement

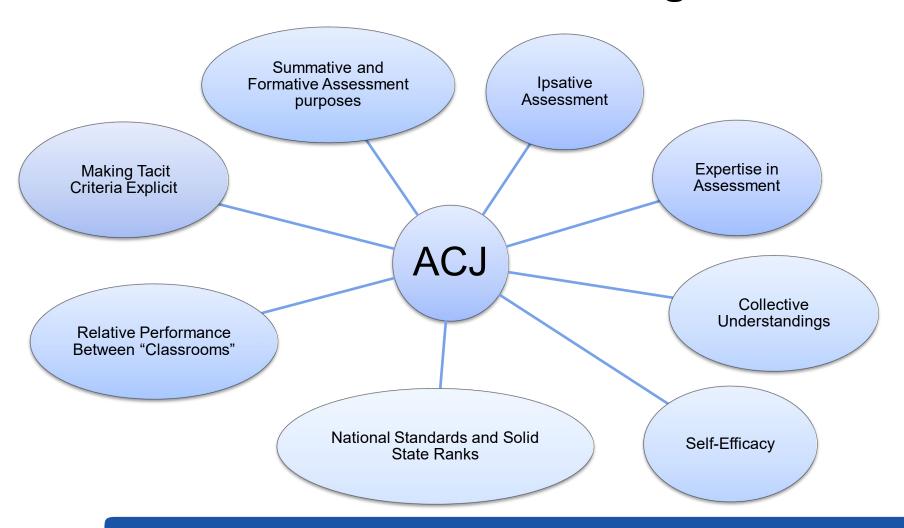
- Data is collected during "ordinary" lesson activities
- Students collect evidence of learning (validity & teachers work load)
- Decision driven data collection instead of data driven decision making
- Reliable results
- Inviting other professionals to your classroom and you get to visit theirs "without too much trouble" (cloudbased)

- The power of the collective & profession
- •ICT as servant instead of driver



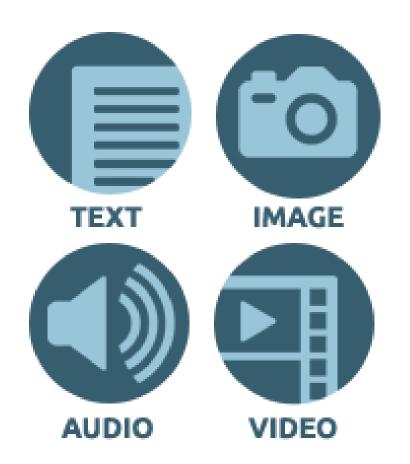


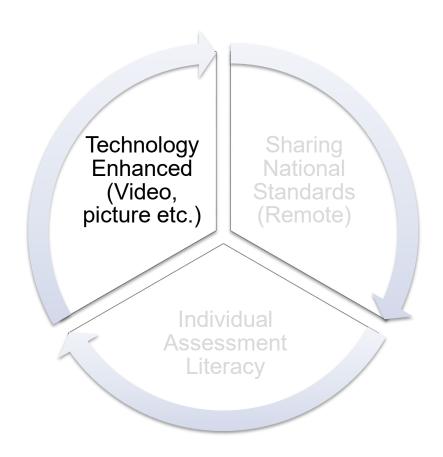
Future Possibilities and Agendas





Conclusion







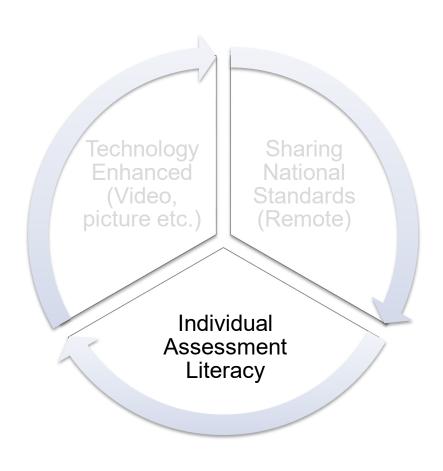
Conclusion





Conclusion







Thank you! To be continued

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How to log in!

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Password: Iterg20!7