



21st assessment for 21st century competences

Young and Israel
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Aston University
Birmingham, U.K.



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EDUCATION

THE FLOW



Part I:

Why? Assessment *as* learning

Overview of current tools in use

Current challenges in enterprise assessment

Current needs in entrepreneurial learning



Part II:

What is EntreComp (in a nutshell)

Focus on communications: The Pitch

VALID-8 demo

Intro to VALID-8 and what it means to EntreComp

PART I



THE CONTEXT -- CHALLENGES AND OPPORTUNITIES OF ASSESSMENT IN ENTERPRISE EDUCATION

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WAIT BUT WHY ?

March 2020 - the great leap to online learning around the world and at all levels

Conversations about assessment grow ubiquitous -- what is the future for standardized exams?



Potential exists to shift focus from assessment *of* learning to assessment *as* learning where enterprising students proactively and creatively participate in assessment design and decision making

Enterprising educators should lead innovation in new forms of assessment, that align more closely with desired learning outcomes

Overview of current tools in use



Rogers-Draycott and team, 2021: A round-up of the scope and potential for an array of tools for the assessment of entrepreneurial learning

- 21 digital tools in use globally
- Some gauge personal development; others focus on measuring educational interventions E.g., personality traits, behaviours, intentions, attitudes, skills and competencies
- One-quarter of the sample showed no “stickiness”; e.g., were only used once

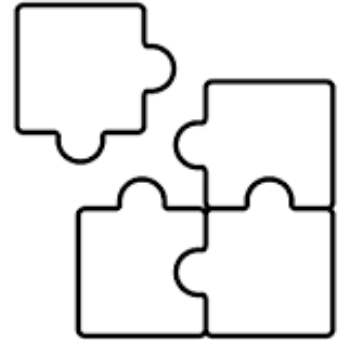
<https://www.enterprise.ac.uk/wp-content/uploads/2021/06/Matthew-Draycott-Royal-Agricultural-University.pdf>

Current challenges in entrepreneurial assessment

Headline challenges in entrepreneurial assessment:

- ! Definitional instability - are we talking about the same things?
- ! Limitations of traditional academic assessment modes - insufficiently accounting for desired/required competence
- ! Effective evaluation and assessment literacy, i.e. use of diverse evidence to inform evaluation and reflection, an implicit part of entrepreneurial competence
- ! Academic assessment is often disconnected from the world of work (adds little value)

[Education Outline](#)



PART II

EntreComp, “The Pitch”, and VALID-8

WHAT: Three domains: 'Ideas and opportunities', 'Resources' and 'Into action'; 5 competences; 15 sub-competences; 442 learning outcomes



WHY:

- ! Entrecomp articulates competence and progression
- ! Competence warrants multimodal evidence
- ! Evaluation and assessment literacy are implicit and essential elements of entrepreneurial competence
- ! Entrecomp establishes language of employability to build clearer links to broader professional contexts

Focus on communication: THE PITCH

Communication is a key competence, identified by educators and employers alike as an important 21st century skill

Bantani is currently completing an exercise in identifying and analyzing a number of competence frameworks and its importance is evidenced by how much “space it takes up”

“The Pitch” itself is now a ubiquitous learning tool used in education systems around the world

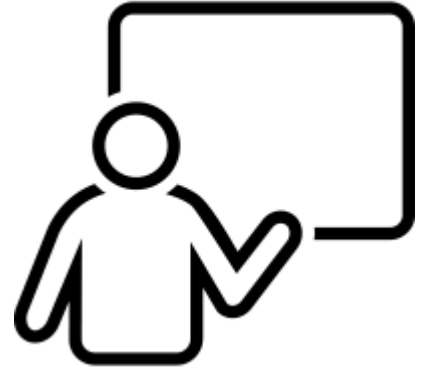


Nybye (2021): ...“the pitch has become an omnipresent, naturalized, contemporary form of communication used in educational settings, entrepreneurship competitions, organizations, companies, investor springboards and on television”

“Today’s top LinkedIn course”

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VALID 8 DEMO



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VALID-8

VAMETRIC

VALID-8

What is VALID-8 ?

Presenter: Robert Smart

President - Founder

VALID-8 is Patent Pending. WO 2018/232520 A1 CA3103559A1.



Entrepreneurial Competence Assessment

VALID-8 is a Software application that captures evidence for:

- Skills
- Knowledge
- Understanding
- Safety
- Risk
- Abilities
- Behaviors
- Communication
- Language

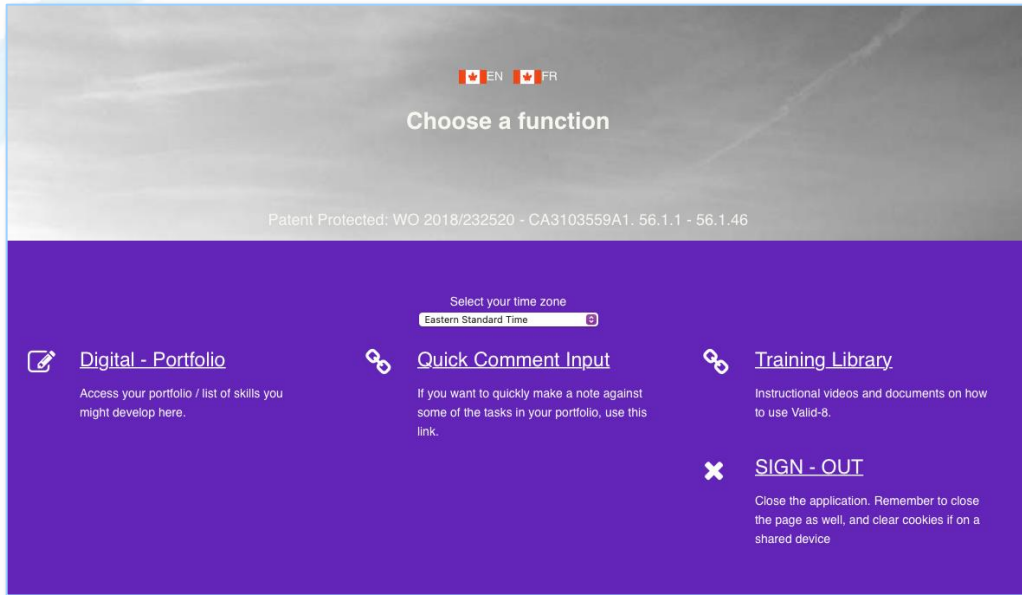
VALID-8 does this by allowing users to upload proof using:

- Audio
- Video
- Documents
- Exam results
- Certificates
- Testimonies
- Work Experience
- Digital / Micro Badges
- Projects - Voluntary work

VALID-8 is different because it allows









- Students to represent themselves as 3 dimensional beings, thus seeing is believing
- Can provide evidence that shows ability and behaviors
- The capture of knowledge and skills is more authentic - On demand, when it happens
- People overcome the fear and the stresses associated with exams
- Provide a level playing field for those that can do it and not just talk about it

Online Digital Technology for Entrepreneurial Competence Assessment



- Simple Menu
- 3D Resume / Portfolio
- Training Library
- Rapid Evidence Tool

Online Digital Technology for Entrepreneurial Competence Assessment

VALID-8         TERSHA BEAL

EN FR

HOME DASHBOARD UPLOAD FILE VIDEO/AUDIO TIME-LINK TOOL ALTERNATIVE VIEW KEY HELP LOG OUT

Patent Protected: WO 2018/232520 - CA3103559A1. 56.1.1 - 56.1.46

Live Auto reference

UNIT EC6: Ideas and Opportunities (level 6) 0%

Task/Criteria	Keys	Comment Count	Comments/Evidence
Competence: Spotting Opportunities (See Guidance)	I	0	<input type="button" value="Attach file"/> <input type="button" value="Add comment"/>
... I demonstrate my knowledge and understanding, in the context to make opportunities to create value.	A	0	<input type="button" value="Attach file"/> <input type="button" value="Add comment"/>
Competence: Creativity (See Guidance)	I	0	<input type="button" value="Attach file"/> <input type="button" value="Add comment"/>
... I show how I searched and mapped new solutions and ideas that improve the value-creating process.		0	<input type="button" value="Attach file"/> <input type="button" value="Add comment"/>
Competence: Vision (See Guidance)		0	<input type="button" value="Attach file"/> <input type="button" value="Add comment"/>
... Provide evidence that shows your understanding of the context to identify different strategic visions for creating value.		0	<input type="button" value="Attach file"/> <input type="button" value="Add comment"/>


- Modules
- Clear Objectives
- Supporting Material
- AI Automated Reference

Online Digital Technology for Entrepreneurial Competence Assessment

Fix contents to top when attaching criteria.

[Upload New File](#) [Save Time-Reference Links](#) Patent

Protected: WO 2018/232520 - CA3103559A1. 56.1.1 - 56.1.46



Or pick a video file you wish to view from the following three drop down lists

The Pitch 2020 winner Tersha from Terrible Merch pitches at th ▾

How to use this feature

During playback of the video above, when you witness any performance or knowledge being demonstrated, simply click the criteria / competences to the right at that time that reflects what you have just witnessed. The software will then lift the time index (the time you selected the criteria) and embed it against your selection. You can select as many relevant criteria as you like in one review.

Patent Protected: WO 2018/232520 - CA3103559A1. 56.1.1 - 56.1.46

[Live](#) [Auto reference](#)

- UNIT EC6:Ideas and Opportunities (level 6) 0%

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... I demonstrate my knowledge and understanding, in the context to make opportunities to create value.	A	0	Attach file Add comment
Competence: Creativity (See Guidance)	I	0	Attach file Add comment
... I show how I searched and mapped new solutions and ideas that improve the value-creating process.		0	Attach file Add comment
Competence: Vision (See Guidance)		0	Attach file Add comment
... Provide evidence that shows your understanding of the context to identify different strategic visions for creating value.		0	Attach file Add comment


+ UNIT 3654-05:Diploma in Occupational Health and Safety Practice Unit 401 0%

- Video Example
- Linked to Outcomes
- Demonstrates so much more than an exam
- Personal and Holistic, Human!
- Ease of use

Online Digital Technology for Entrepreneurial Competence Assessment


... I show how I searched and mapped new solutions and ideas that improve the value-creating process.

File 1 Close attachments

File Name The Pitch 2020 winner Tersha from Terrible Merch pitches at the final.mp4 

Assessment Method(s) Used Student Submission.

File 1/1 Original submission by: Tersha Beal on the 30/08/2021



Attachment comment

Tersha Beal on the 30/08/2021 12:16:10 wrote :-
This is my video of my pitch to implement a new process on development in our Marketing Division
Original criteria selected at [30 second\(s\)](#).
Click above to play from this time index or select [5 secs](#) or [10 secs](#) prior.
Click [here](#) to play from the beginning.

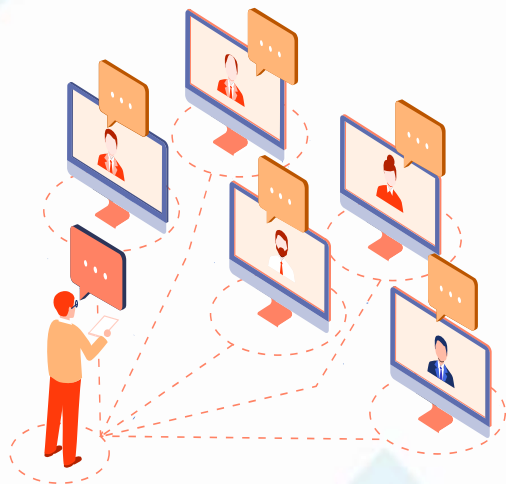
Close attachments

- Time Index Linked to Outcomes
- Instant Recall
- Marking and Grading Features
- Self Reflection Empowerment
- Ability Focused
- Communication and Language Proficiency

Online Digital Technology

- Video is only one such tool.
- Can also capture documents, audio, images etc.
- The on-demand reflective and assessment capabilities have broken down multiple barriers

- Is this new?
 - Driving License!!



94.6
%

Retention

Retention increased, with achievement exceeding 90%.



92%

Employers

The percentage of Employers who recommend this product after the National Assessment Project



250%

Students

The average time savings on either time to achievement or waste savings.

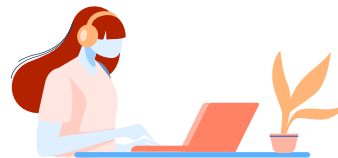
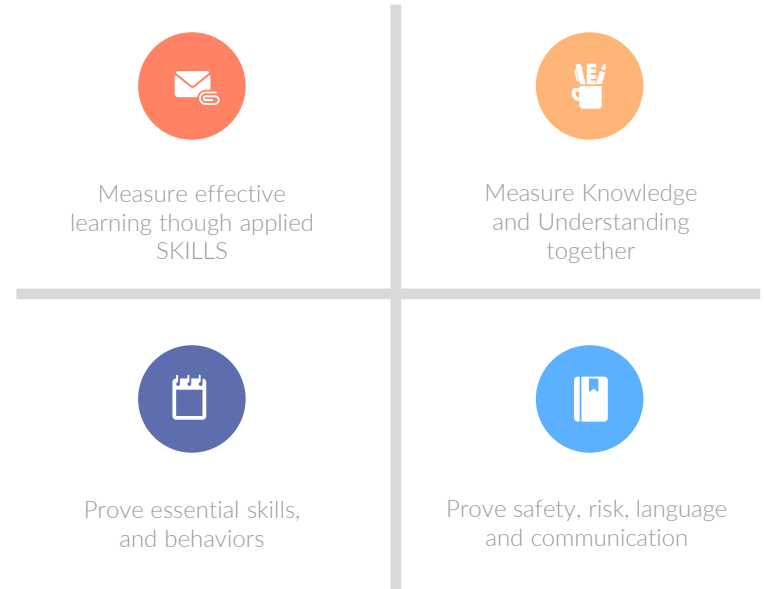
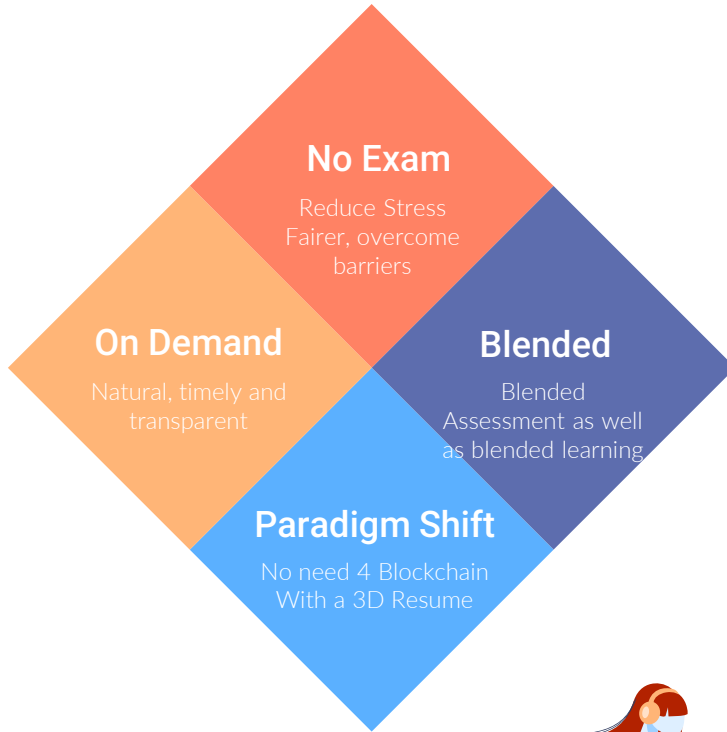


2.3 M

users

Total number of user in over 27 countries.

Entrepreneurial Benefits using VALID-8



VALID-8

VAMETRIC

VALID-8

www.vametric.com



Discussion

What are the benefits, and who derives them in terms of this particular tool?

- ! Learners
- ! Assessors/teachers/professors
- ! Advocates of enterprise education