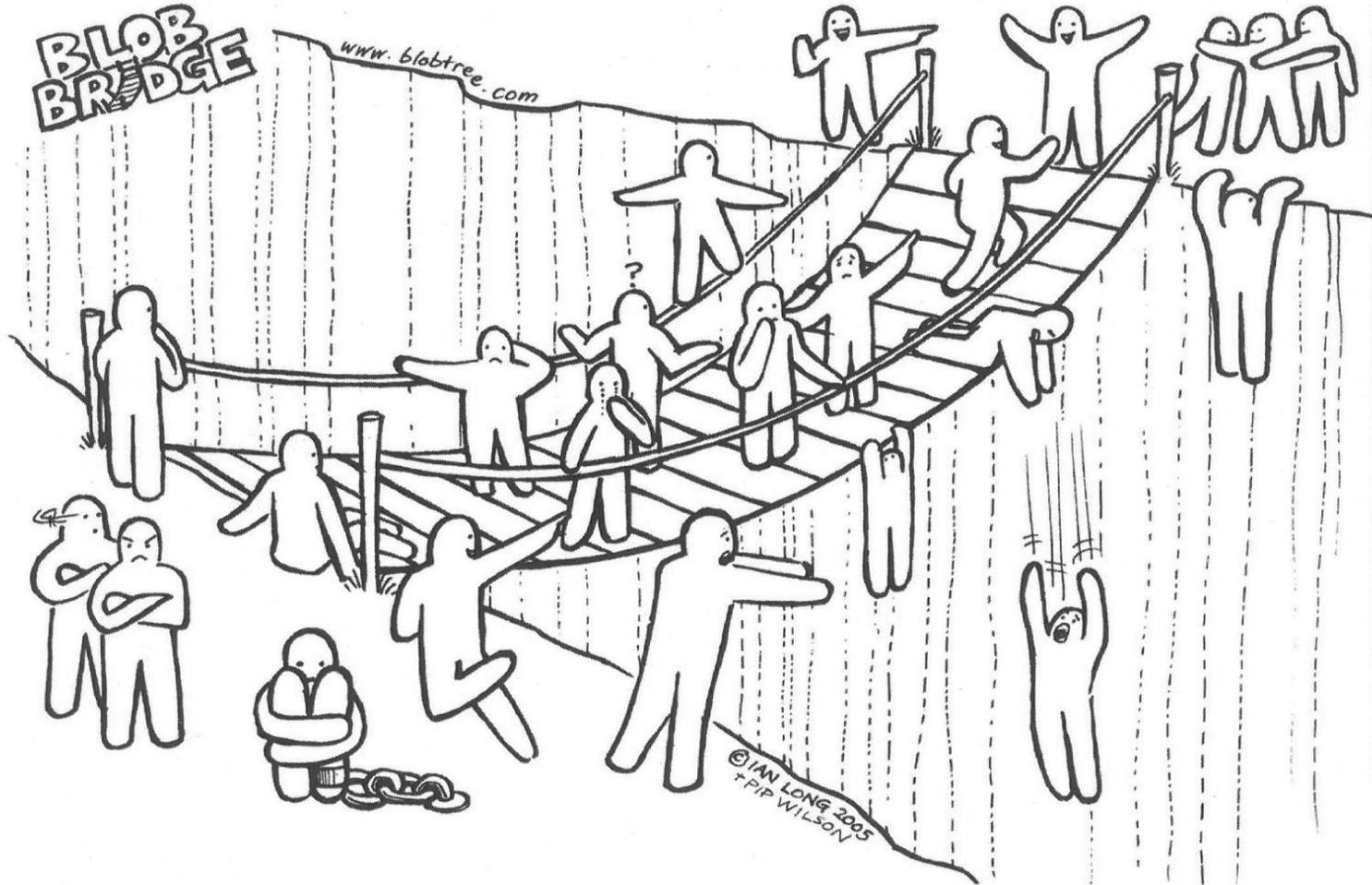


# Key Teacher Competences in the 2020s

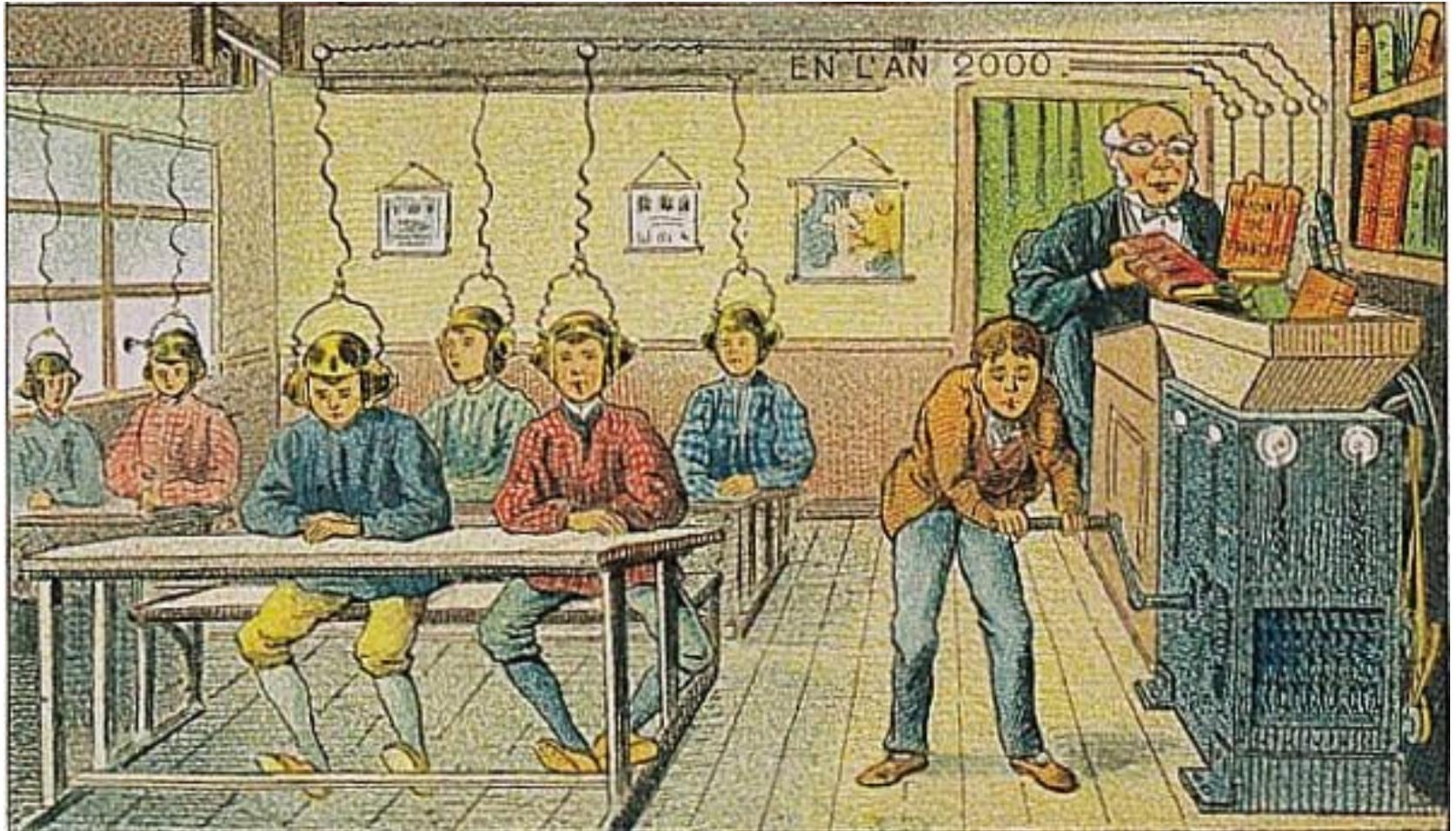
Thom Kiddle

# The teacher development journey



# Teaching in the 21<sup>st</sup> Century

## A view of the future from the past



# 1. Teacher language awareness

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“A common man  
marvels at uncommon  
things; a wise man  
marvels at the  
commonplace.”

# Awareness of language change (diachronic)

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## English in the 14<sup>th</sup> century



# Awareness of language change

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'The Canterbury Tales' – extract from 'The Wife of Bath's tale'

Now, sire, now wol I telle forth my tale,  
As evere moote I drynken wyn or ale,  
I shal seye sooth, tho housbondes that I hadde,  
As thre of hem were goode, and two were bade,  
The thre were goode men, and riche, and olde;  
Unnethe myghte they the statut holde  
In which that they were bounden unto me.  
Ye woot wel what I meene of this, pardee!

Geoffrey Chaucer 1340(?) - 1400

# Awareness of language change

---

Chaucer's 'The Canterbury Tales' – extract from 'The Wife of Bath's tale'

“Now, sir, I will tell my tale,  
If I'm ever to drink wine or ale again  
I'll tell the truth .....Those husbands that I had,  
Three were good and two were bad.  
The three that were good men were rich and old,  
They could hardly manage the contract  
That bound them to me –  
If you know what I mean, friend!”

Geoffrey Chaucer 1340(?) - 1400

# Awareness of language change

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## English in the 16<sup>th</sup> century



# Awareness of language change

---

'Shall I Compare Thee to a Summer's Day?'

*Shall I compare thee to a summer's day?  
Thou art more lovely and more temperate;  
Rough winds do shake the darling buds of May,  
And summer's lease hath all too short a date;  
Sometime too hot the eye of heaven shines,  
And often is his gold complexion dimm'd;  
And every fair from fair sometime declines,  
By chance or nature's changing course untrimm'd;  
But thy eternal summer shall not fade,  
Nor lose possession of that fair thou ow'st;  
Nor shall Death brag thou wander'st in his shade,  
When in eternal lines to time thou grow'st:  
So long as men can breathe or eyes can see,  
So long lives this, and this gives life to thee.*

William Shakespeare 1564 - 1616

# Awareness of language change

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## English in the late 20<sup>th</sup> century



# Awareness of language change

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## 'Trainspotting'

*"Mark! Mark! Answer the door! Ah ken yir thair son! Ah ken your in thair!"*

*It's ma Ma. It's been quite a while since ah've seen Ma. Ah'm lying here jist a few feet fae the door, which leads tae a narrow hallway which leads tae another door. Behind that door is ma mother.*

*"Mark! Please son, please! Answer the door! It's yir mother, Mark! Answer the door!"*

Irving Welsh 1957 -

## What's the difference between...

*“He told me that he had already been there and I responded that I hadn't seen him.”*

And...

*“And he's like ‘I've been there, innit?’ and so I go ‘Well I din't see ya there.’”*

?

## What's the difference between...

*“If that happens, we’ll sort it.”*

And...

*“If that happened, we’d sort it.”*

?

# Language awareness – ways of looking at language



The Guardian view Columnists Cartoons Opinion videos Letters

**Opinion**  
Artificial intelligence (AI)

**GPT-3**  
Tue 8 Sep 2020 09:45 BST

65,678 1,195

## A robot wrote this entire article. Are you scared yet, human?

We asked GPT-3, OpenAI's powerful new language generator, to write an essay for us from scratch. The assignment? To convince us robots come in peace

- For more about GPT-3 and how this essay was written and edited, please read our editor's note below



*As language users we determine our idiolect and sociolect, and that gives us identity.*

*AI cannot replace that human choice.*

# Language awareness – ways of looking at language

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**DISTANCE FROM  
EVENTS**

**DISTANCE BETWEEN  
PEOPLE**

**AIMS AND  
INTENTIONS**

**EMOTIONS**

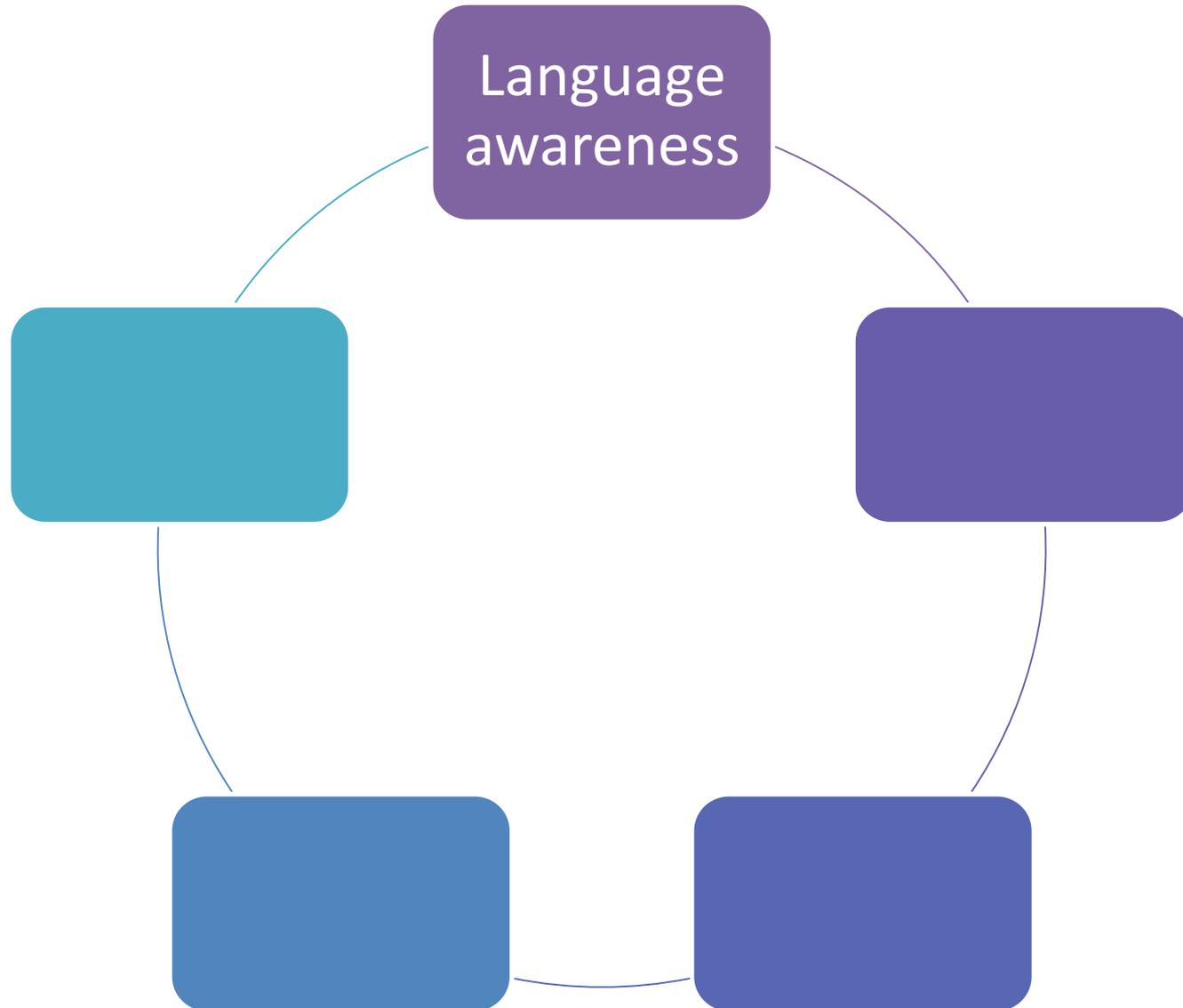


**SHARED KNOWLEDGE**

**DISTANCE FROM  
RESPONSIBILITY**

# Key language teacher competences in the 2020s

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## 2. Teacher assessment literacy

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A



B



C

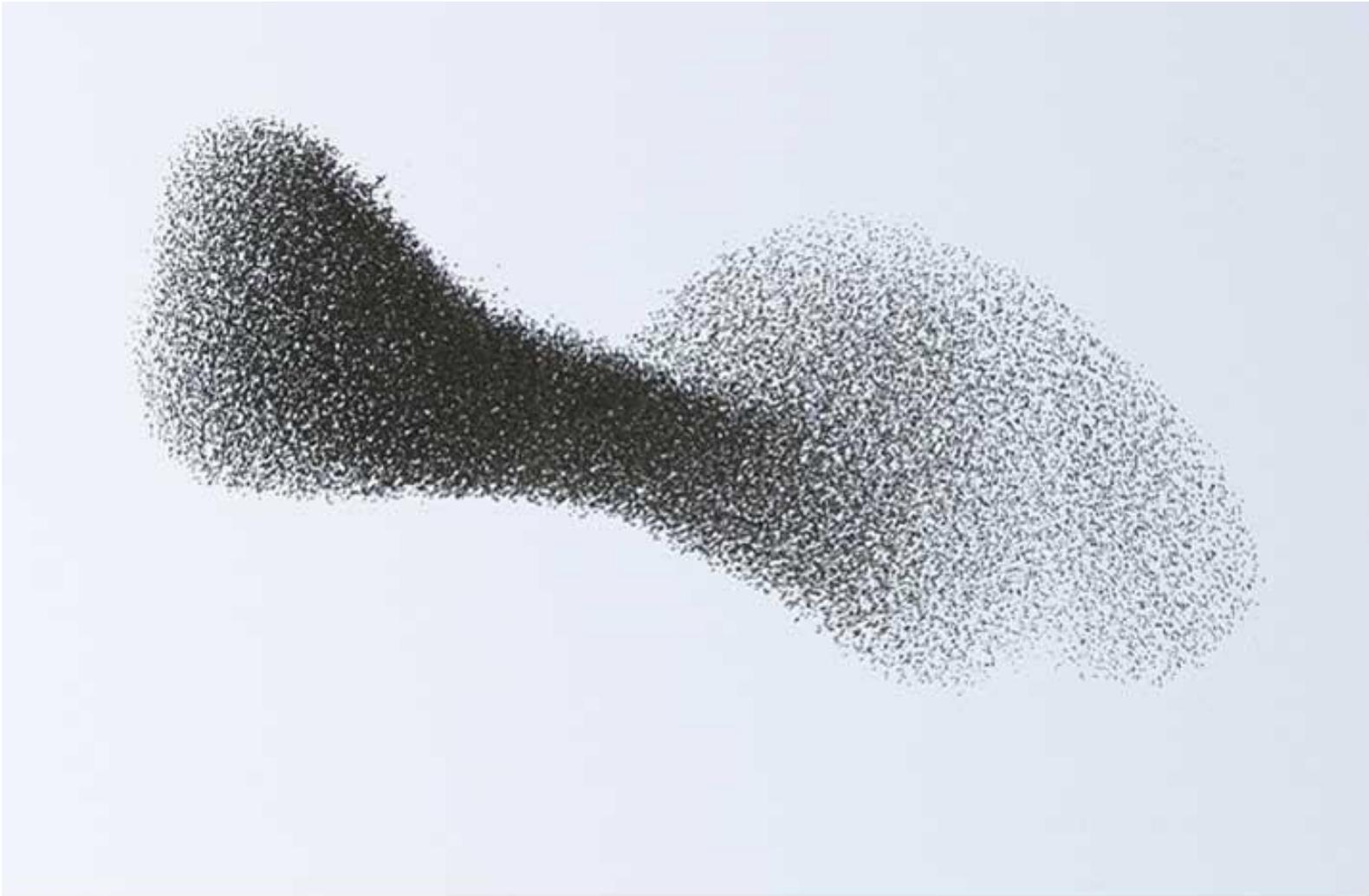


D



# Assessment and measurement

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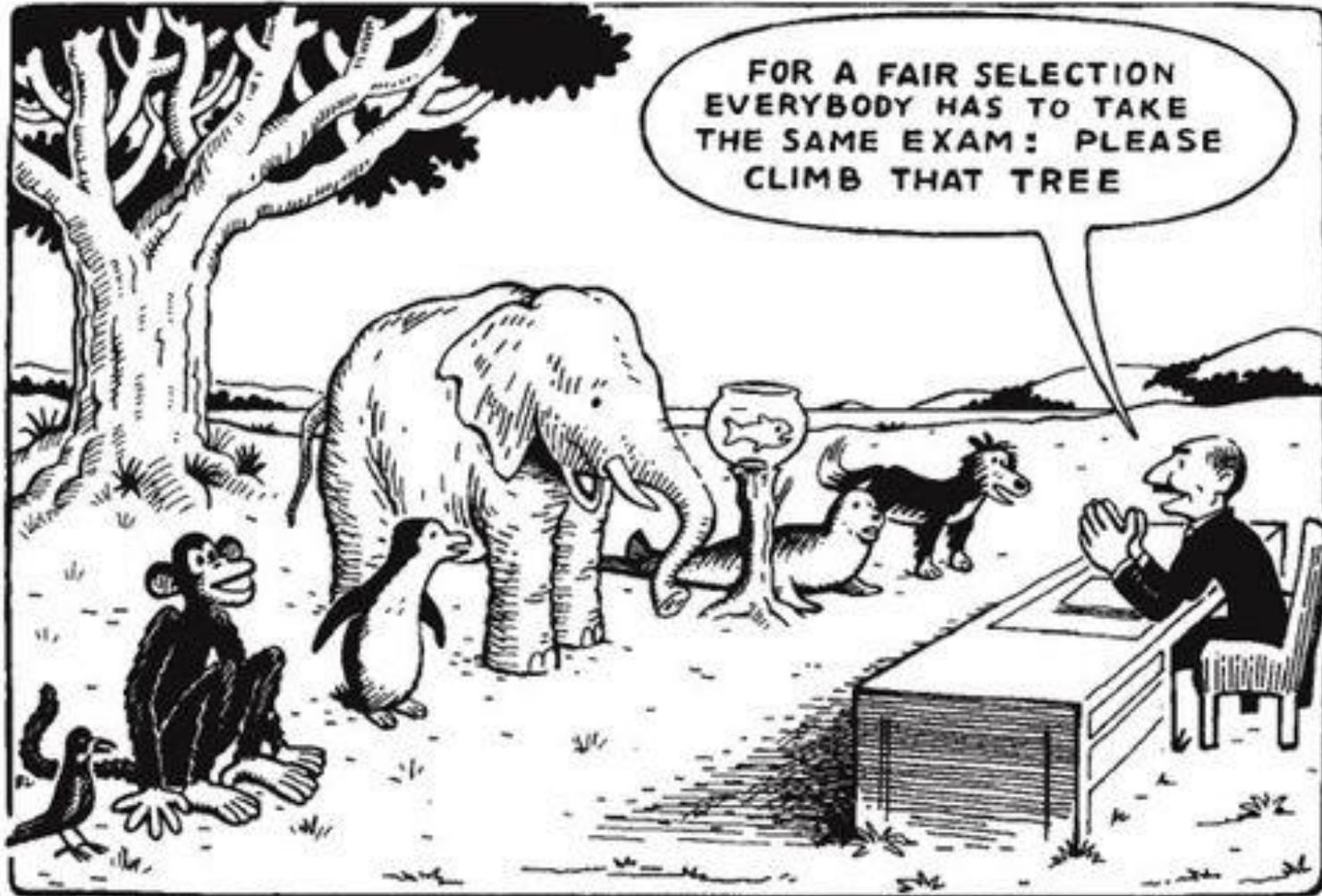
**“Not everything that can be counted counts, and not everything that counts can be counted.”**

(Cameron, 1963)

**“...trying to describe complex phenomena in a small number of words on the basis of incomplete theory.”**

(North, 1996)

# Validity for purpose

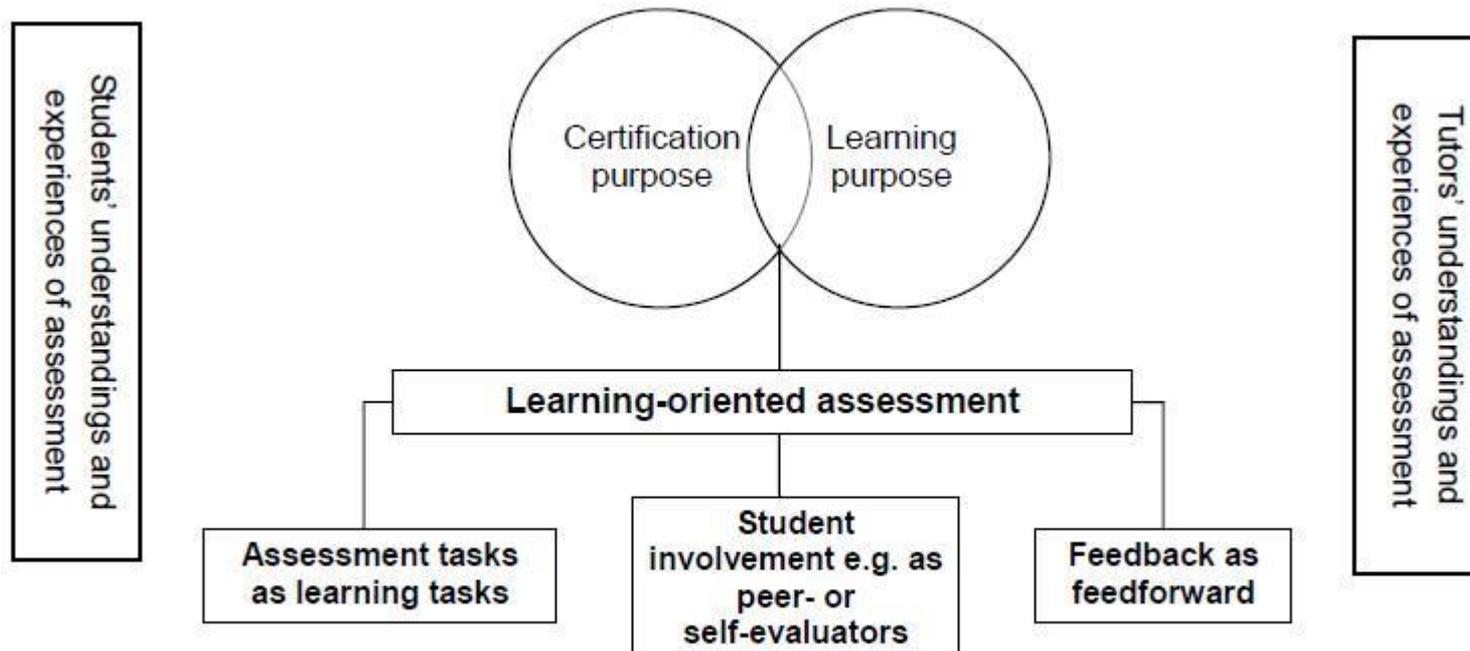


"I became a teacher so that I could help kids pass the standardized tests," said no teacher ever.



someecards  
user card

# Learning-oriented assessment



From Carless (2007)

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## Key 21<sup>st</sup> Century Skills:

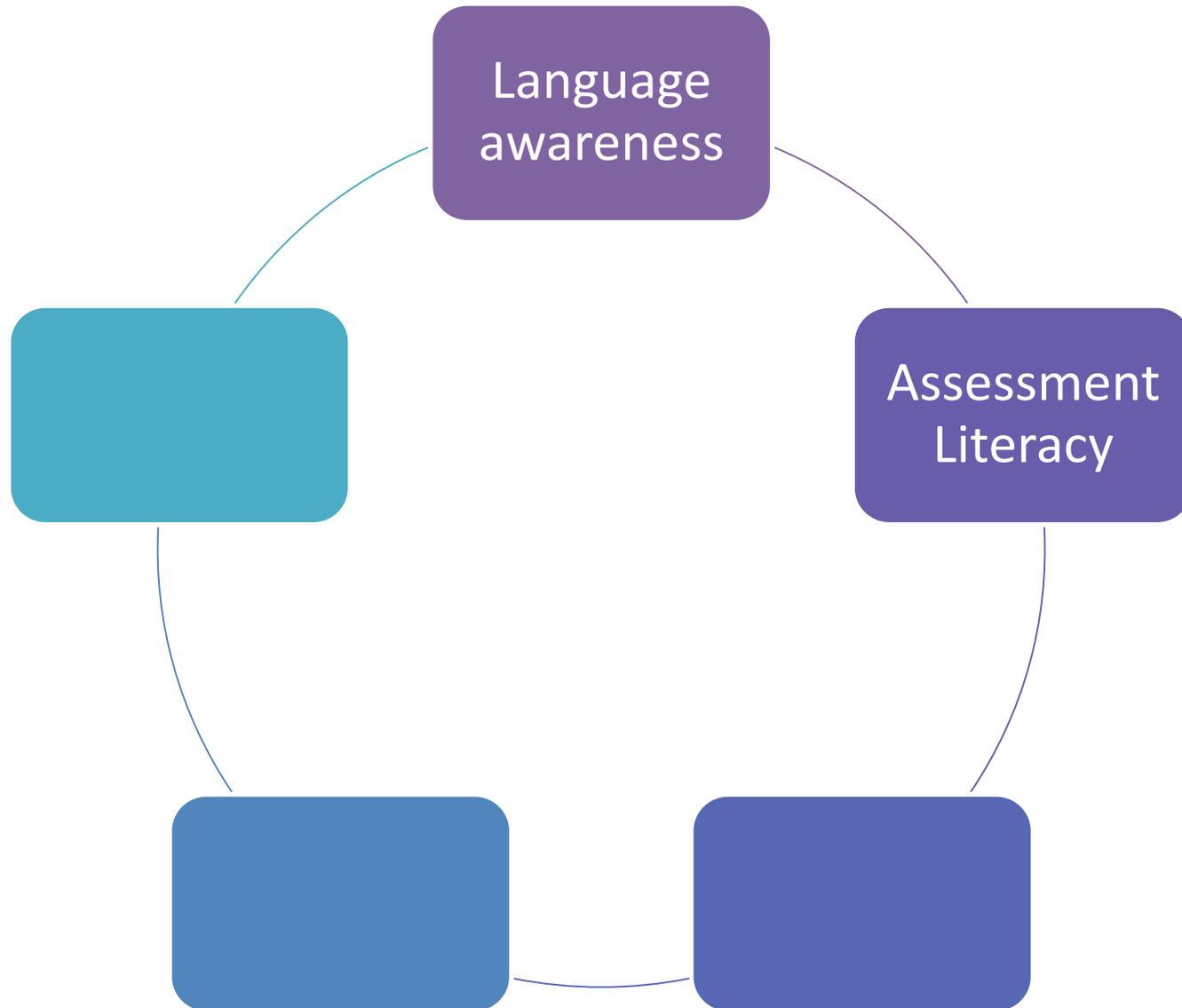
**Creativity**  
**Collaboration**  
**Team-working**  
**Search literacy**

**But when used in a test, we call this...**

**Cheating!!**

# Key language teacher competences in the 2020s

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### 3. Environmental awareness

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Professor Stephen Heppell  
<http://rubble.heppell.net/learnometer/>

# The learning environment

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Learnometer measures...

- Light levels

“...recent research confirms evidence that good lighting significantly influences reading vocabulary and Science test scores (Barrett et al., 2015).”

# The learning environment

---

Learnometer measures...

- Temperature and humidity

“Zivin, [2015]...noted that [we find](#) that math performance declines linearly above 21C’.”

# The learning environment

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Learnometer measures...

- Sound volume and rhythms

“...the classroom sound signature can affect how well students achieve (Picard and Bradley 2001).”



# The learning environment

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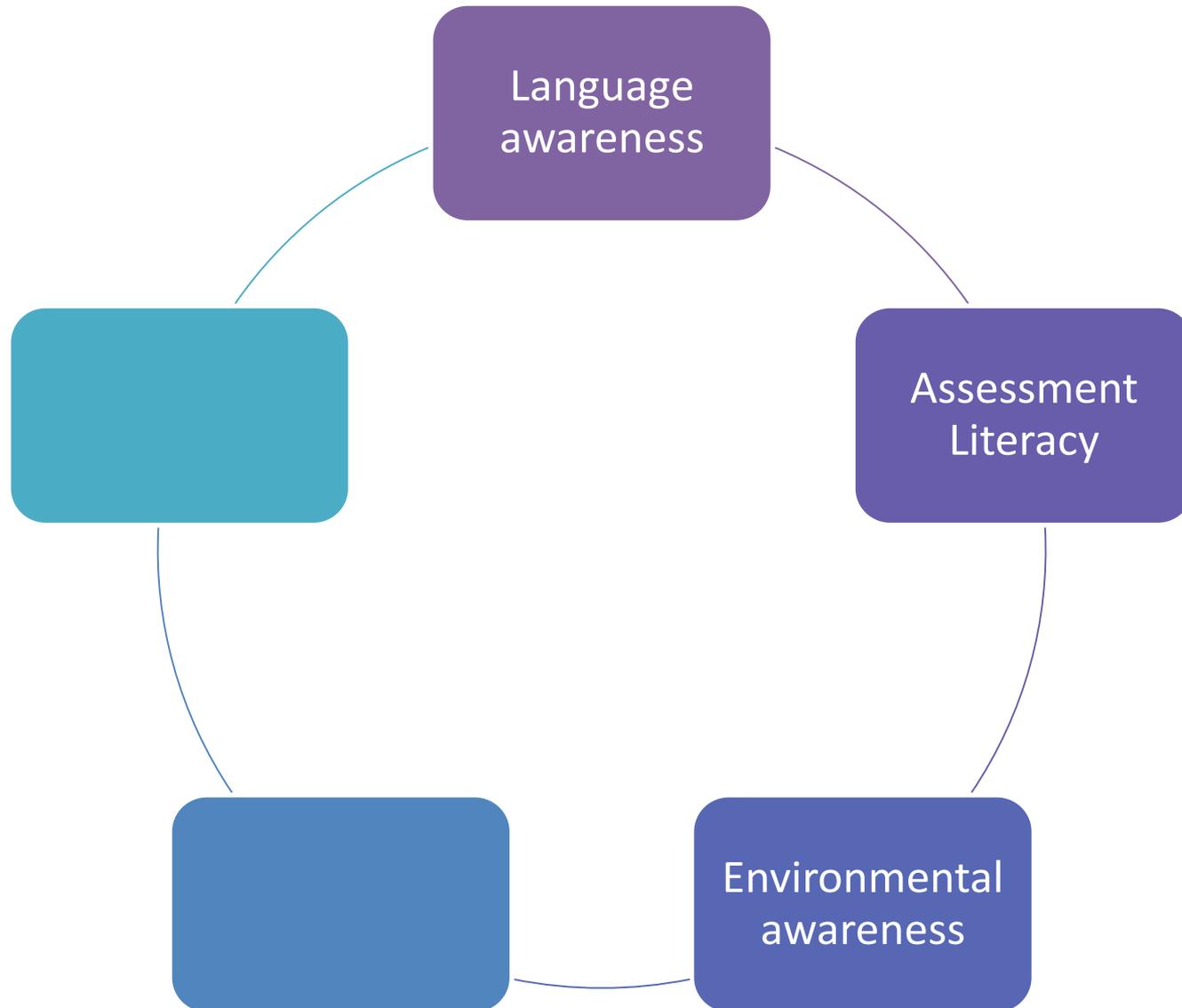
Learnometer measures...

- Air pollution and CO<sub>2</sub>

“...we have been horrified by the damaging levels we have observed in examination and test rooms... above 2,000 parts per million, CO<sub>2</sub> will begin to induce sleepiness, poor concentration with heart rate and nausea increasing towards 5,000 ppm which is a workplace limit in most countries, but which many learning spaces can exceed.”

# Key language teacher competences in the 2020s

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# 4. Digital literacy

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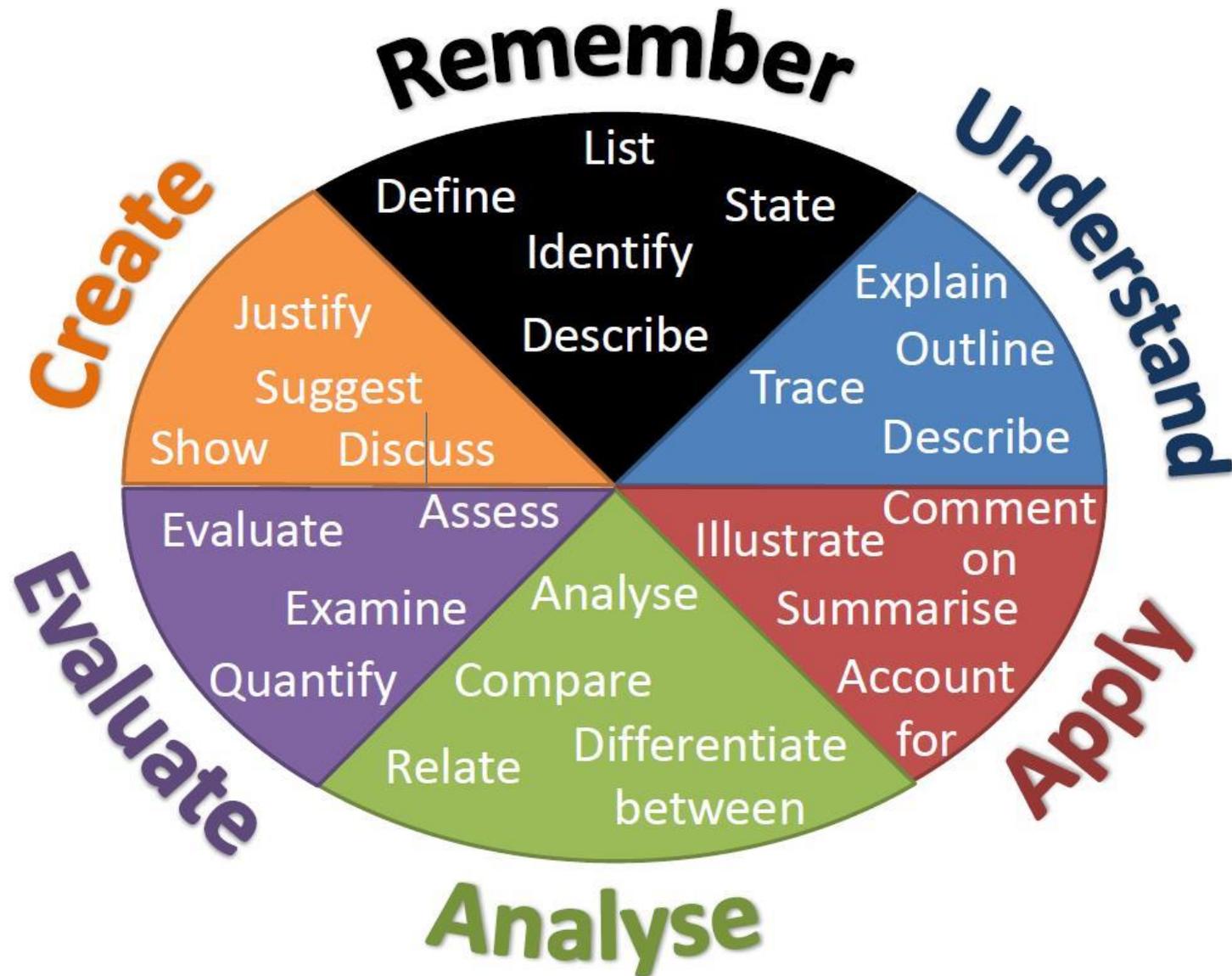
1997



2020



# Digital literacy – a principled approach



# Figuring out the why...

## The Pedagogy Wheel ENG V5.0 for both Apple iOS and Android

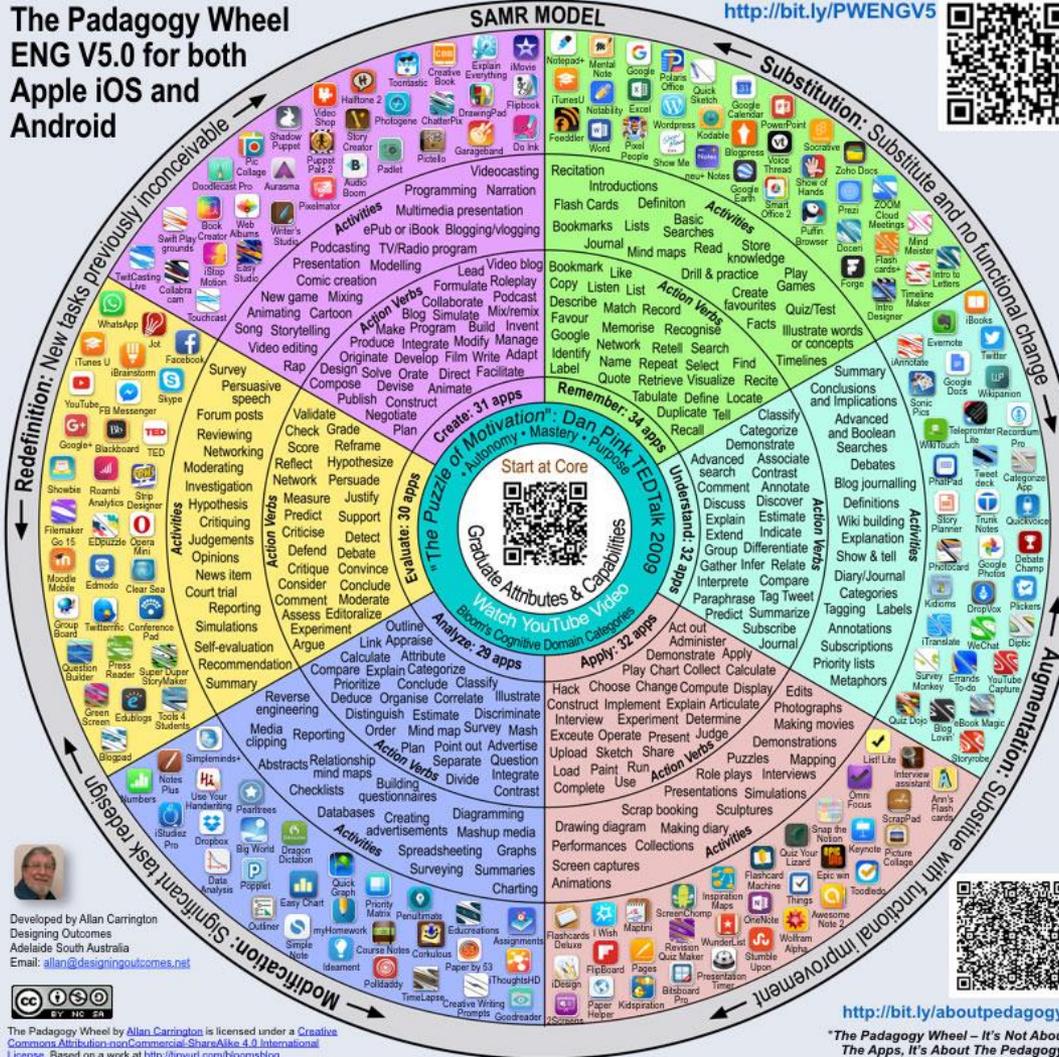
<http://bit.ly/PWENGV5>



188 Suggested  
Educational  
Apps available



188 Suggested  
Educational  
Apps available



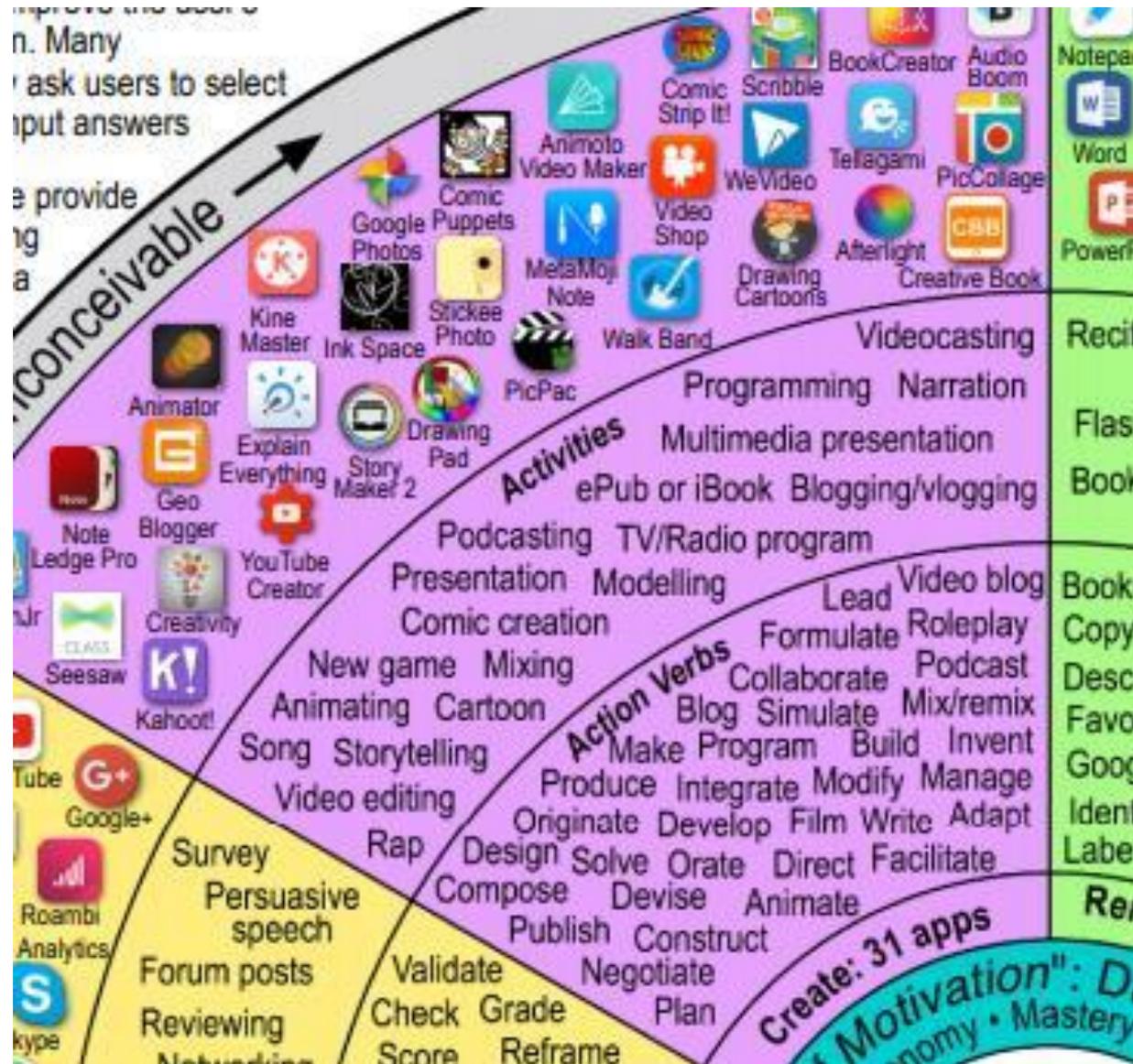
Developed by Allan Carrington  
Designing Outcomes  
Adelaide South Australia  
Email: [allan@designingoutcomes.net](mailto:allan@designingoutcomes.net)



The Pedagogy Wheel by Allan Carrington is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike 4.0 International License. Based on a work at <http://tinyurl.com/bloomsblog>.

<http://bit.ly/aboutpedagogy>  
"The Pedagogy Wheel – It's Not About  
The Apps, It's About The Pedagogy"

# The Pedagogy Wheel – “It's Not About The Apps, It's About The Pedagogy”



# Challenges for teachers' digital literacy



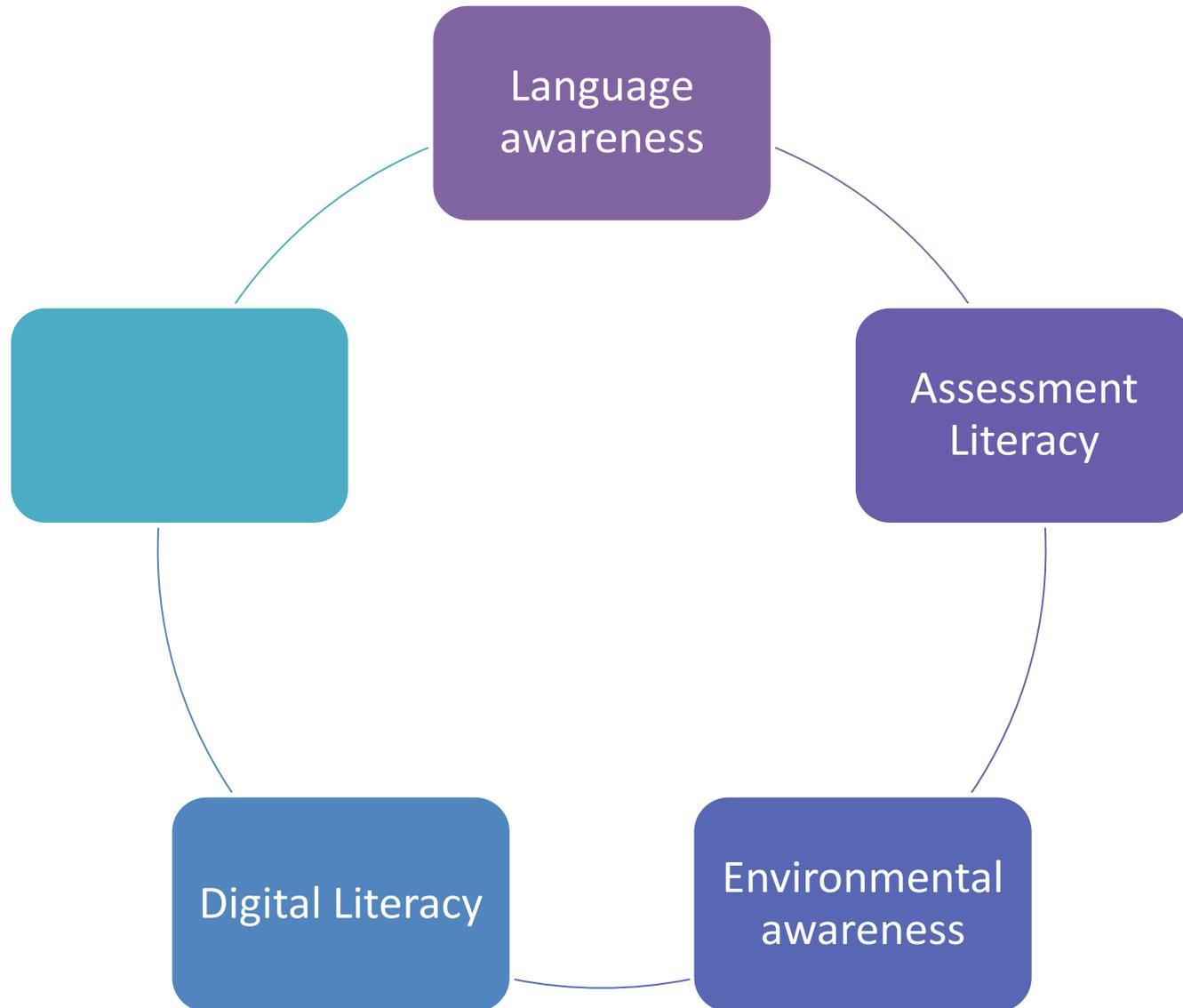
Online learning  
pedagogy and  
emerging best practices

Hybrid / Hy-Flex /  
Co-modality teaching



# Key language teacher competences in the 2020s

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## 5. Integration of language and content

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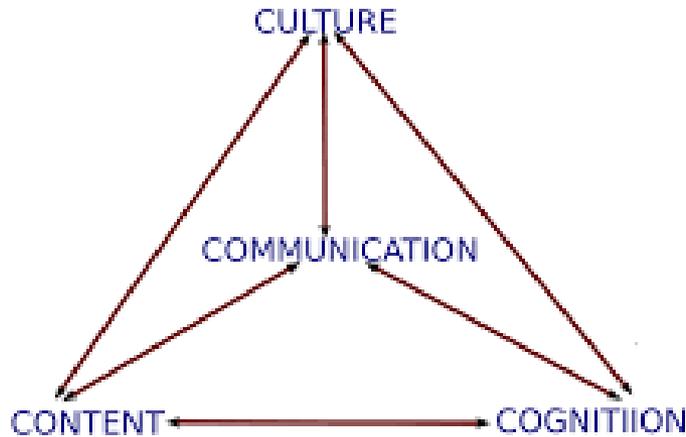
“If you want to teach language, teach something else.”

Phil Ball, NILE CLIL trainer and author

## 5. Integration of language and content

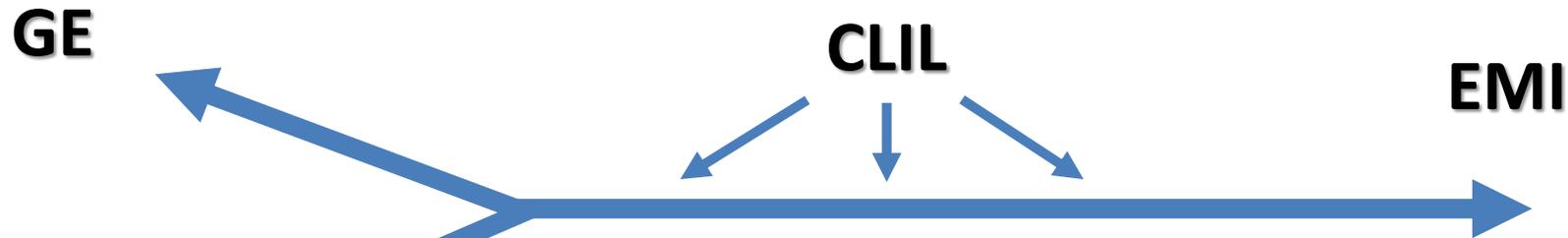
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- Teaching language with and through content
- Project-based learning
- Increasing role of CLIL and EMI
- Mediation of information (content)

# The relationship between parts of the language teaching sector



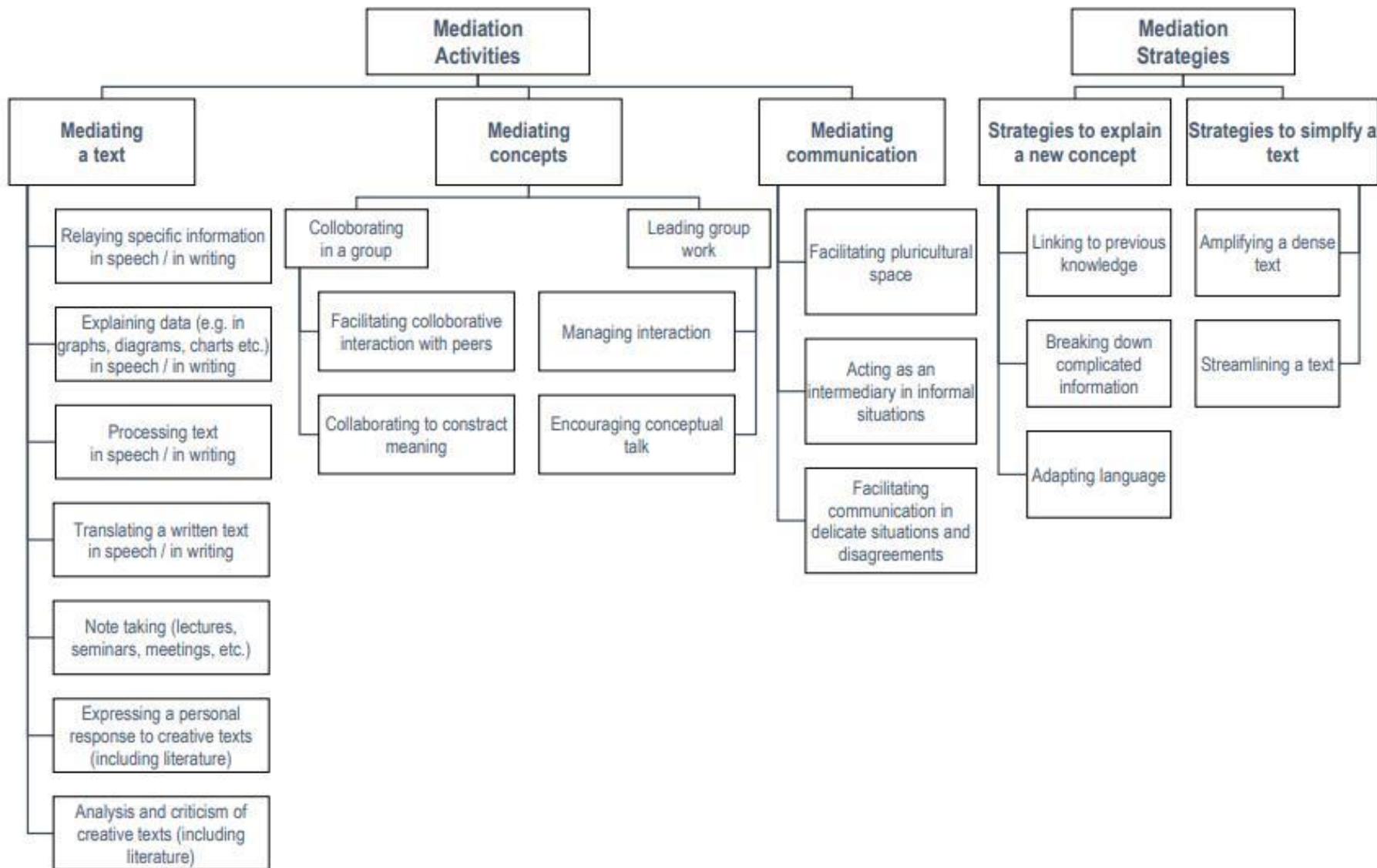
**ESP**

Teacher has all the responsibility for *language* development, but no responsibility for *content knowledge / skills* development.

**EMI**

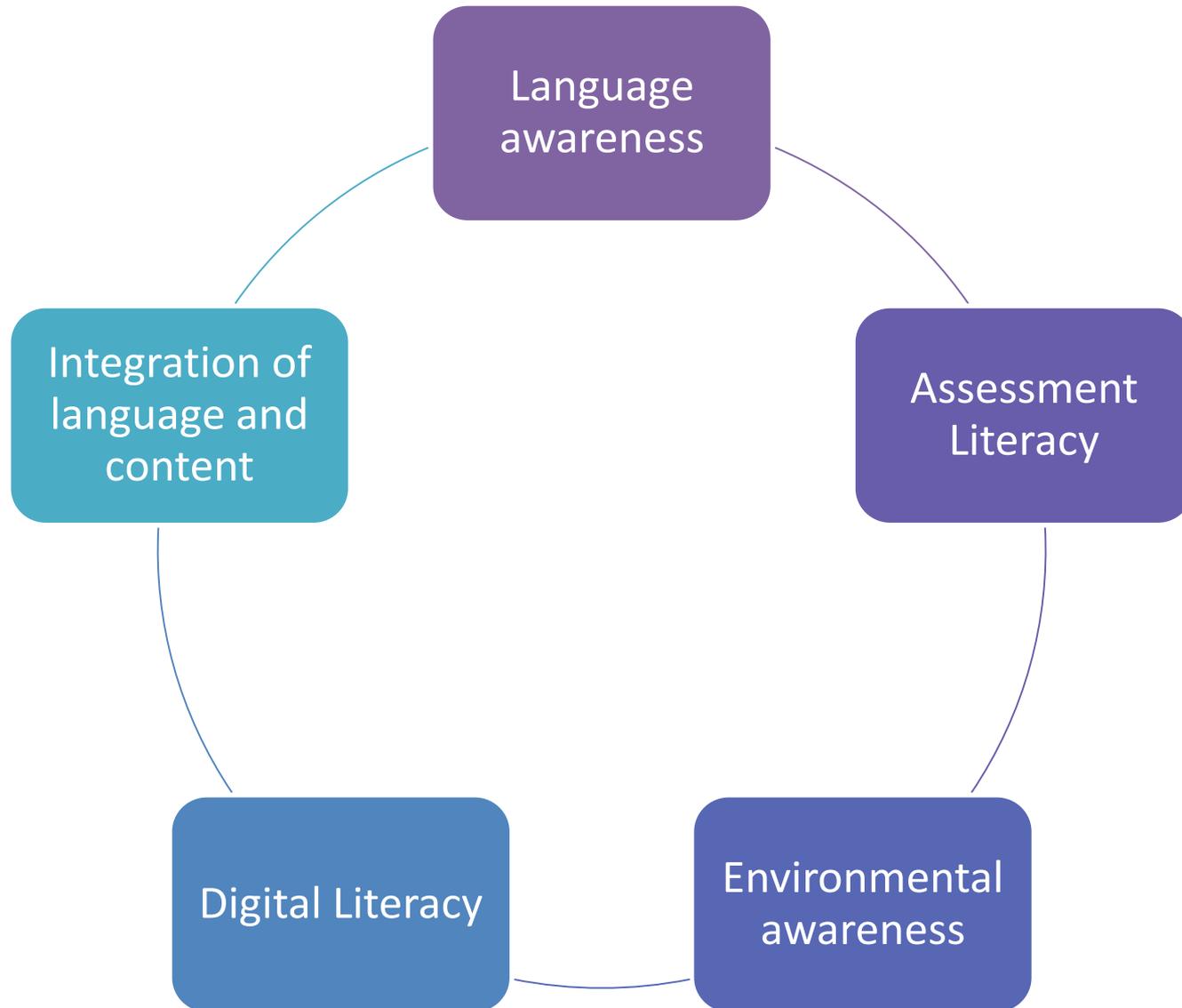
Teacher has all the responsibility for *content knowledge / skills* development, but no responsibility for *language* development.

# Mediation of information



# Key language teacher competences in the 2020s

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# Teacher empowerment

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“It is...advisable that the teacher should \_\_\_\_\_, and even be able to criticize, the general principles upon which the whole educational system is formed and administered. He is not like a private soldier in an army, expected merely to \_\_\_\_\_, or like a cog in a wheel, expected merely to respond to and \_\_\_\_\_ external energy; he must be an intelligent medium of action.”

obey

understand

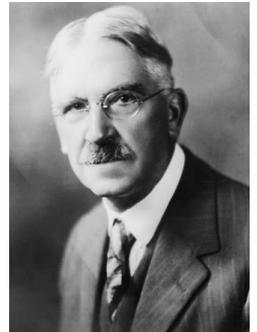
transmit

# Teacher empowerment

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“It is...advisable that the teacher should understand, and even be able to criticize, the general principles upon which the whole educational system is formed and administered. He is not like a private soldier in an army, expected merely to obey, or like a cog in a wheel, expected merely to respond to and transmit external energy; he must be an intelligent medium of action.”

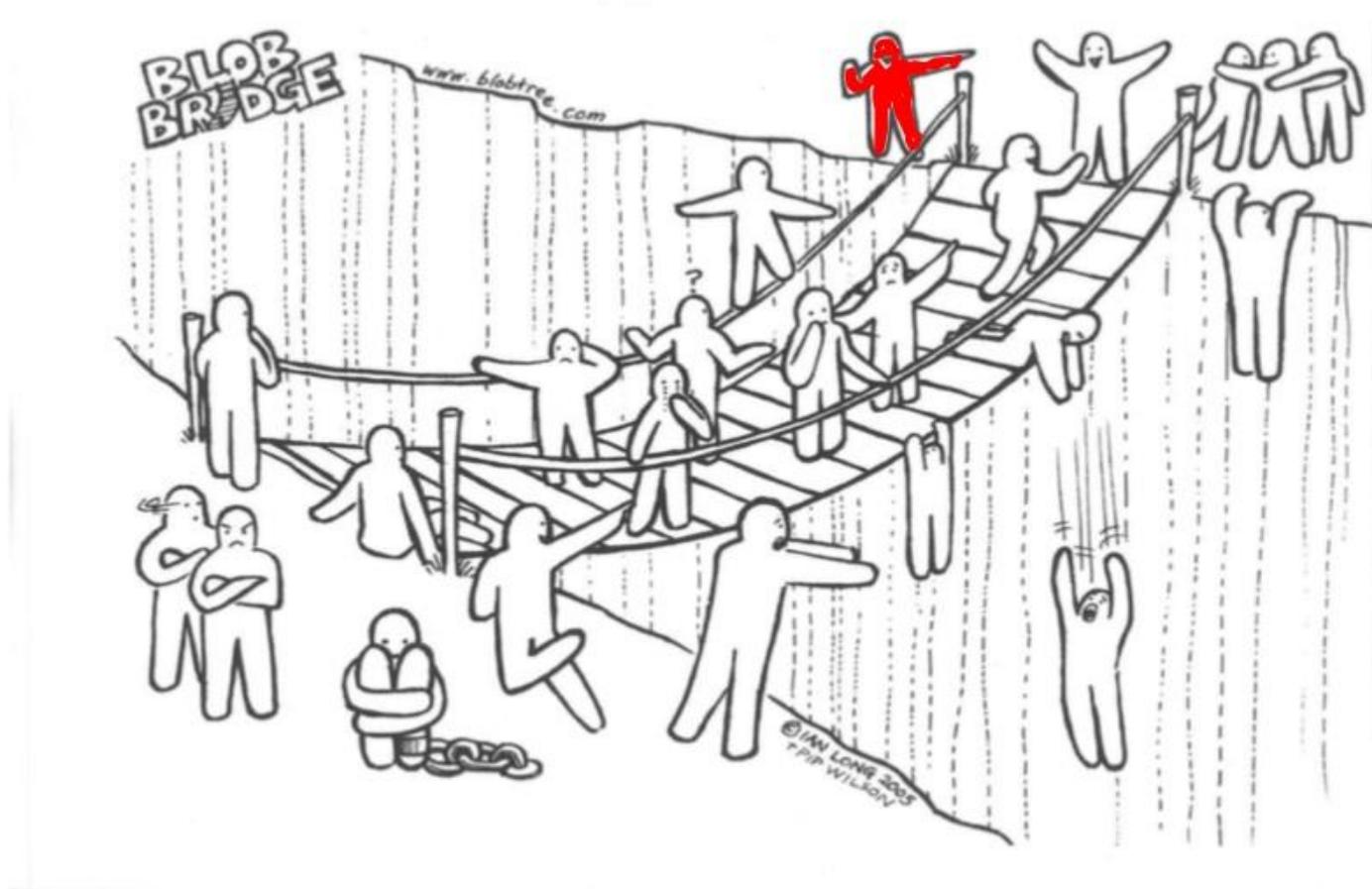
John Dewey, 1895



**“The stone age did not end  
because people ran out of stones.”**

**Pinker (2018), Enlightenment Now, p.127**

# The teacher development journey



## This session has now ended

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