



AUSTRIAN ARMED FORCES
Language Institute

Motivational factors in language teaching

**Experiences at the
Austrian Armed Forces Language Institute**

Elisa Schnell

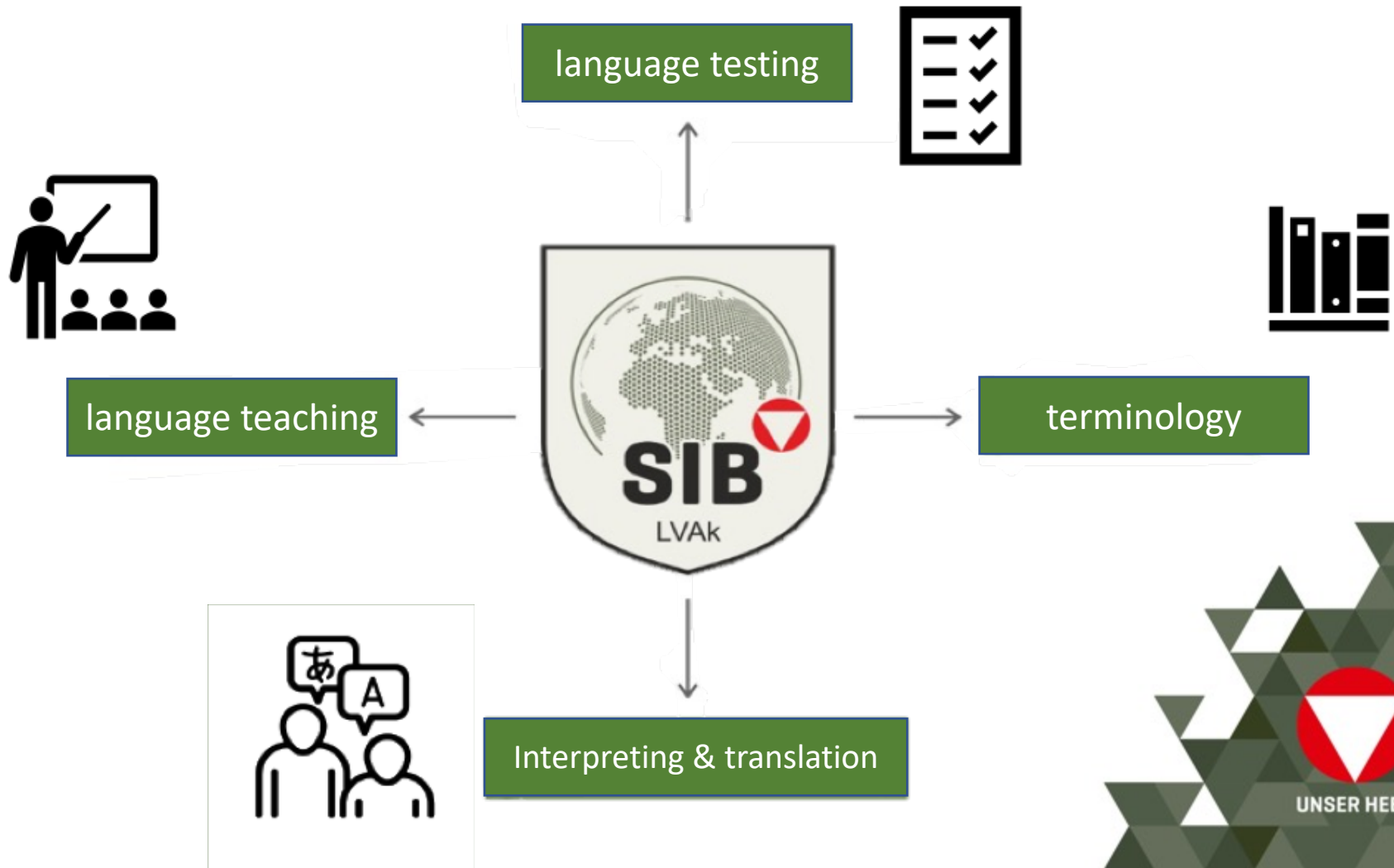
BILC Professional Development Seminar



UNSER HEER

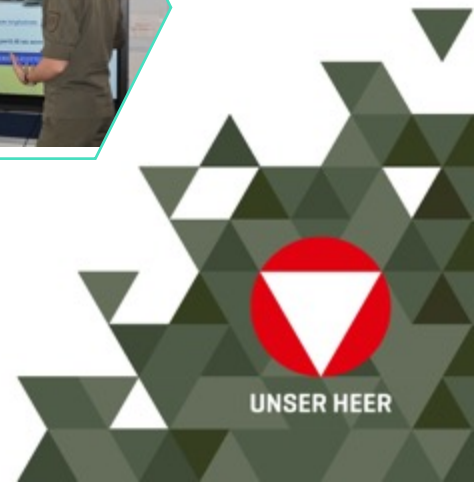


The Language Institute





Project: Digital language services





Digital language training



**Use of interactive
whiteboard and iPads
on-site**



Self-assessment tests

- ▶ for **ENG, FRE, RUS, GER**
- ▶ Available on the **AAF LMS**

Aufgabe 1 von 122

Zuordnen

Ordnen Sie die Texte den Bildern zu

Bonsoir Laure. Ça va ?

Merci, Jacques.
Au revoir et à bientôt !

Monsieur Barbier ? Enchanté.
Je suis Christoph Baudis.

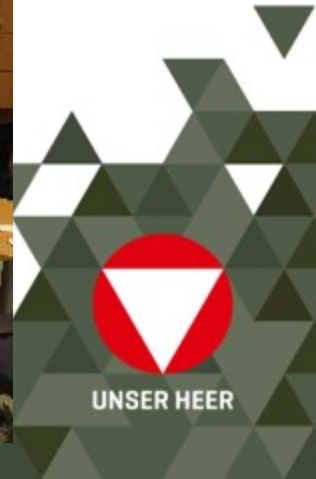
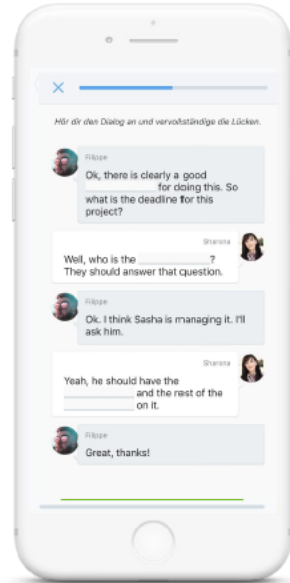
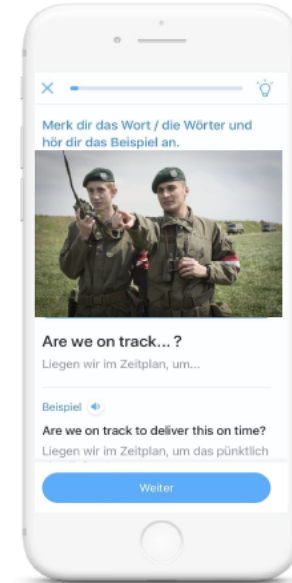
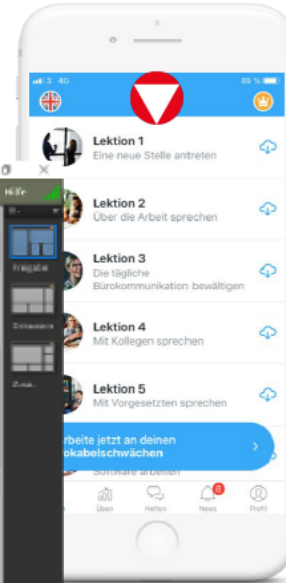
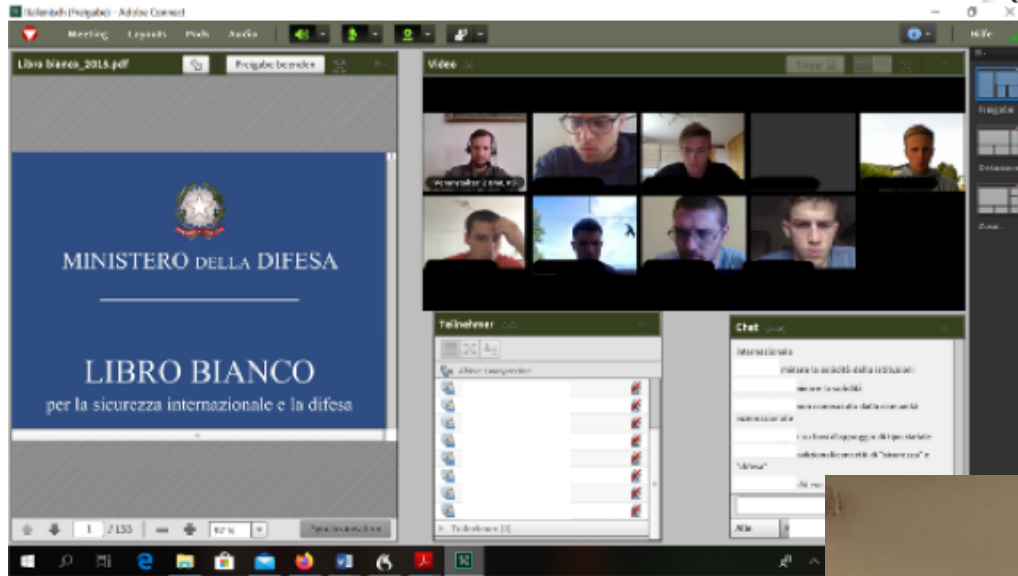
Bonjour madame.
Comment allez-vous ?



Abgeben



Pandemic





100 Top Tools for Learning

- ▶ **Compiled by Jane Hart since 2007 from the results of an open survey**

“longitudinal study not just into the popularity of tools for learning but into learning behaviour itself”

www.toptools4learning.com

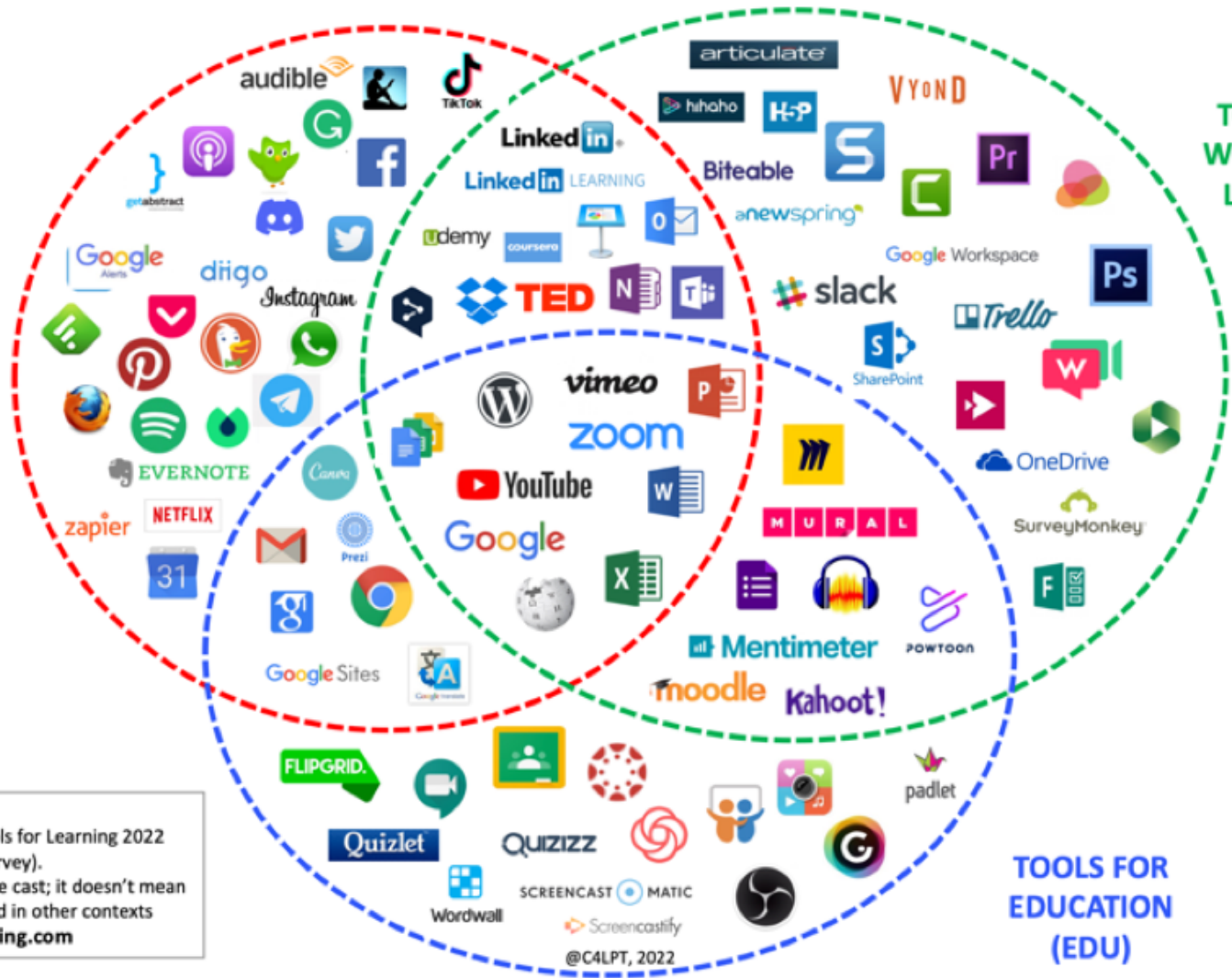


TOP 100 TOOLS FOR LEARNING 2022

TOOLS FOR PERSONAL LEARNING (PPL)

TOOLS FOR WORKPLACE LEARNING (WPL)

TOOLS FOR EDUCATION (EDU)



NOTE

Here are the results of the Top 100 Tools for Learning 2022 (from the 16th annual survey).

This graphic shows where most votes were cast; it doesn't mean that these tools aren't or can't be used in other contexts

Jane Hart, TopTools4Learning.com



**Evaluate tools and technology
used in language learning by
using interdisciplinary models
from pedagogy and computer
science**





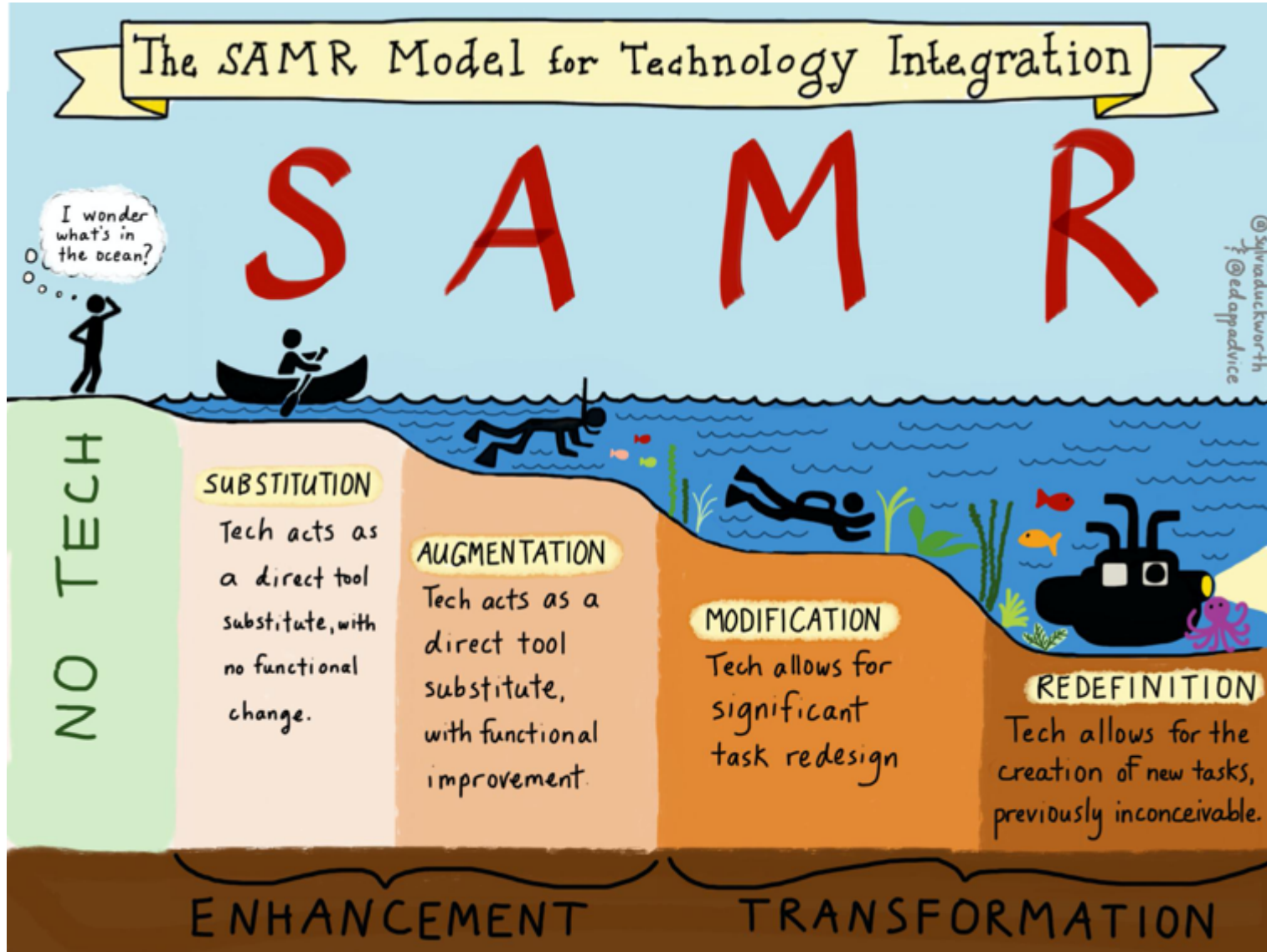
Digitlization?

Gartner IT Glossary

“Digitalization is the use of digital technologies to change a business model and provide new revenue and value-producing opportunities; it is the process of moving to a digital business.”

SAMR Model

Image credit: Sylvia Duckworth (@sylvia Duckworth)





Visible Learning by John Hattie

- ▶ ranked 138 influences that are related to learning outcomes from very positive effects to very negative effects

- ▶ visible-learning.org/





Technology related influences

<u>Influence</u>	<u>Impact on Student Achievement</u>	<u># of Meta Analyses</u>	<u># of Studies</u>	<u># of Students</u>	<u># of Effects</u>	<u>Effect Size</u>	<u>Overall Confidence</u>
<u>Technology in writing</u>	Potential to accelerate	3	70	2,343	70	0.42	2
<u>Use of PowerPoint</u>	Likely to have positive impact	1	12	0	16	0.26	1
<u>Interactive video / multimedia</u>	Potential to accelerate	8	427	4,800	3,987	0.58	4
<u>Gaming / simulations</u>	Potential to accelerate	36	1,953	162,283	3,248	0.41	5
<u>Mobile / touch devices / tablets</u>	Potential to accelerate	8	368	19,735	1,039	0.47	4
<u>Presence of mobile phones</u>	Likely to have a negative impact	1	39	148,883	40	-0.34	2
<u>Virtual Reality</u>	Potential to accelerate	4	114	0	114	0.54	2



ARCS model (Keller 2010)

- Perceptual Arousal
- Inquiry Arousal
- Variability

- Goal orientation
- Motive matching
- familiarity



- Performance requirements
- Success opportunities
- Personal control

- Natural consequences
- Positive consequences
- equity





Motivational factors in technology **(from our experience)**

- 1. It has to work!**
- 2. It has to be engaging and well designed.**
- 3. Technology should have an added value.**
- 4. Teachers should know the technologies they use very well.**
- 5. Don't forget the power of gamification!**



”After the pandemic”

- ▶ Evaluate the tools and methods that have been used**
- ▶ Provide training for teachers (theory and practice)**
- ▶ Better evaluate the use of technology in language teaching**
- ▶ Provide new possibilities for teachers**
- ▶ Enhance (autonomous) mobile and hybrid learning**



E-Lab





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Begin!

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Begin!

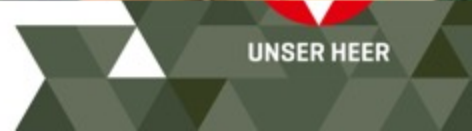
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<https://virtualvacation.us/guess>





References & Resources

Gartner IT Glossary. 2022. *Gartner Inc.*. [online] Available at: <<http://www.gartner.com/it-glossary/>> [Accessed 17 October 2022].
Hart, Jane. (2022). Top Tools for Learning. www.toptools4learning.com
Keller, John. (2000). How to integrate learner motivation planning into lesson planning: The ARCS model approach.

www.visible-learning.org/

<https://www.visiblelearningmetax.com/influences>

www.toptools4learning.com

