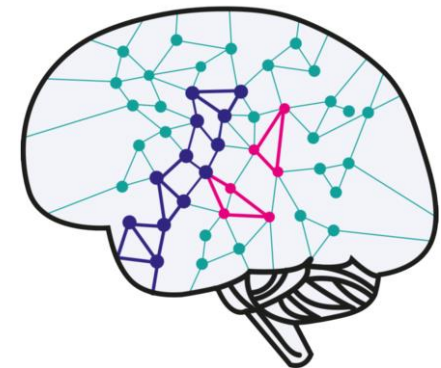


Retrieval Practice

Bringing prior knowledge to mind, making it active.

Key points to Retrieval Practice:

1. Vary the context
2. Purposeful and link to new knowledge
3. Retrieved to be used



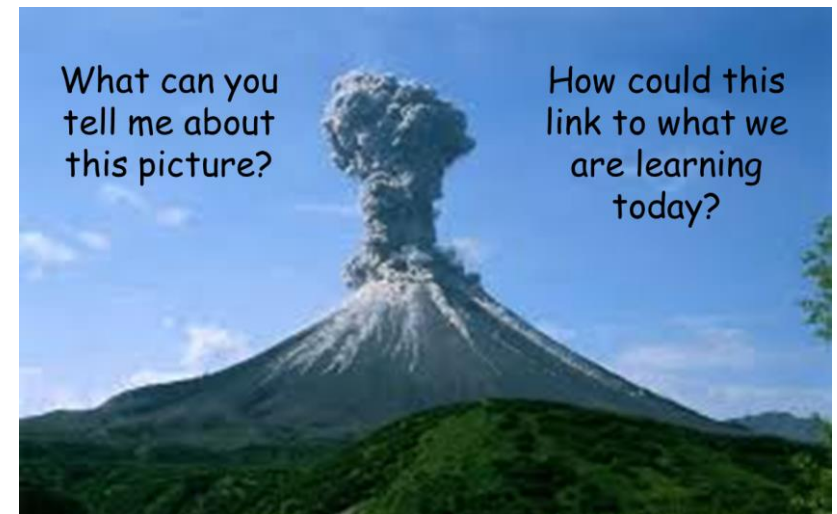
“Meaningful learning is about producing organised, coherent and integrated mental models that allow people to make inferences and apply their knowledge.”

Karpicke, 2012

Mayer, 2009 and 2016

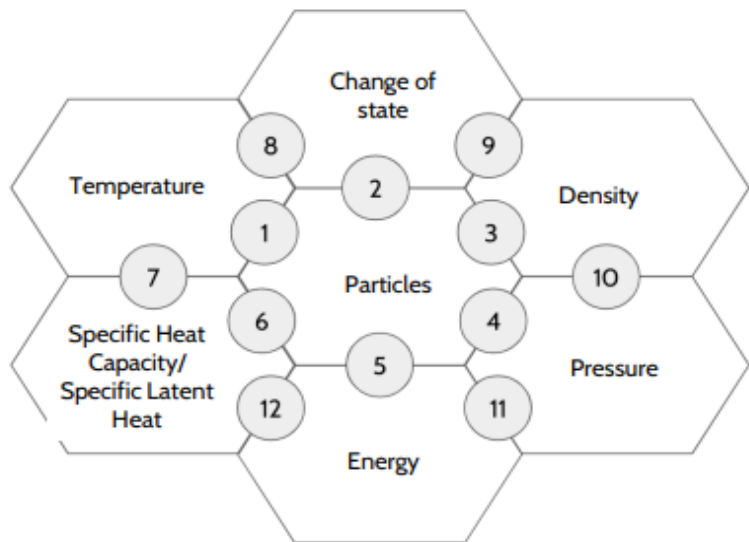
Strategies

- a) Summarising taught concepts
- b) Mindmapping (Padlet)
- c) Drawing an image to represent learning
- e) Testing (Quizziz, Kahoot, question grids)
- f) Teaching concepts to others
- g) Flashcards



Learning is a constructive act (Logan and Mayer, 2016)

Use the numbers between the keywords to form a link between the two words/terms. For example, number one will be a link between temperature and particles.



1 With an increase in temperature, the particles move faster as they gain kinetic energy	2 depending on the change of state, Particles will be closer or further apart, and will have more or less kinetic energy	3 density will depend on how close or far apart the particles are
4 Pressure increases when volume decreases. This is because particles will have less space to collide with each other and means the force exerted on the walls increases	5 As energy increases, the particles vibrate more increasing the temperature	6 - how much energy it takes to make the particles vibrate enough to increase the temperature by 1°C - how much energy it takes to make the particles move to change the state
7 Temperature has to change by 1°C in SHC	8 Change in temperature is needed to to change the state of a substance	9 the density will get bigger in a solid but smaller in a gas because the particles are closer together
10 Higher density means higher pressure, lower density means lower pressure since the volume of the substance increases	11 The more energy a gas has kinetic energy the particles have more energy. This makes the particles move faster. This makes the force on the walls increase, increasing the pressure	

Scarcity

<https://quizlet.com/gb/524837051/11123-flash-cards/>

A situation in which unlimited wants exceed the limited resources available to fulfill those wants

Recapping facts about the Crusades

1 point
2 points
3 points

What religion were the Crusaders?	What time period were the Crusades?	Which countries did the Crusaders travel from?	What items would a Crusader take with them?
Where were the Crusaders travelling to?	What year was the first Crusade?	What religion were the people that the Crusaders were fighting?	How many Crusades were there altogether?
Why might a rich person have gone on a Crusade?	Why did a lot of Crusaders come from Italy?	What was the name of the Pope that first sent Christians on a Crusade?	How did the Pope encourage Christians to fight?
How did Christians reach the Holy land?	Any key individuals involved in the Crusades?	Why might a farmer have gone on the Crusades?	What name, beginning with 'K', describes the soldiers that went on Crusades?

