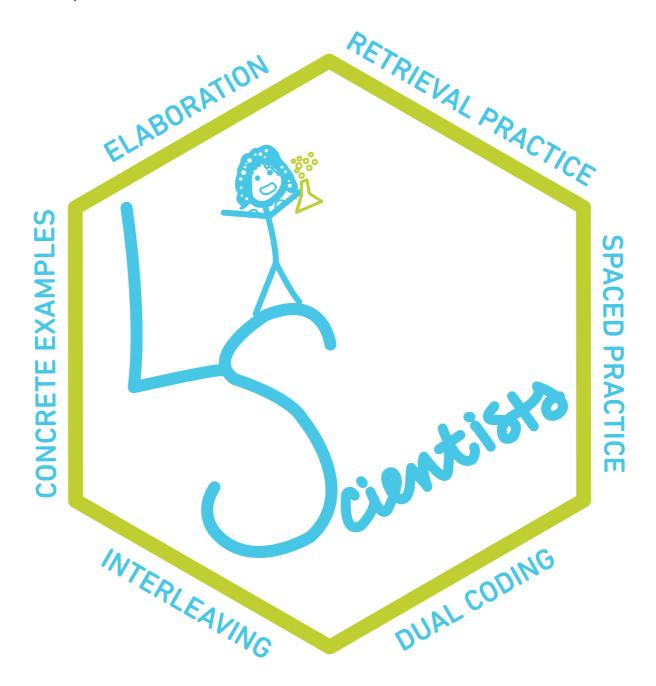


Six Strategies for Effective Learning

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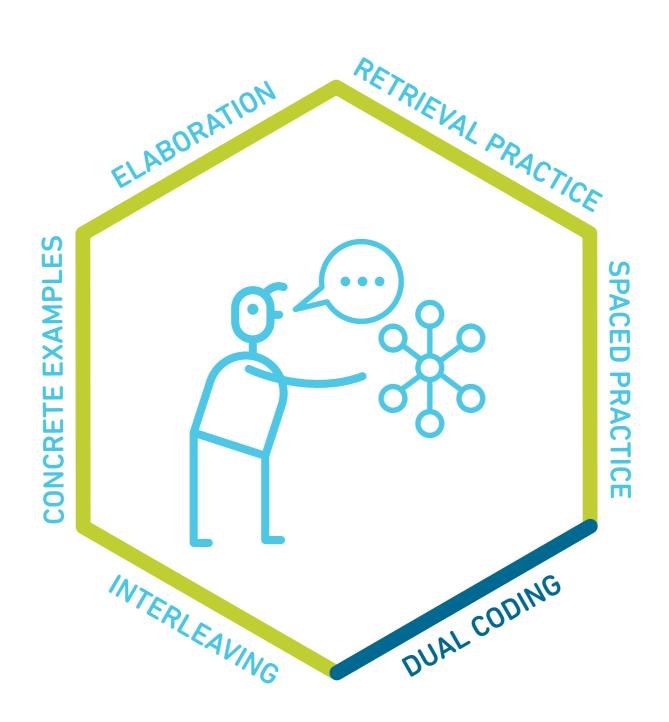
In this series, we provide information so students can learn how to study using..





All of these strategies have supporting evidence from cognitive psychology. For each strategy, we explain how to do it, some points to consider, and where to find more information.

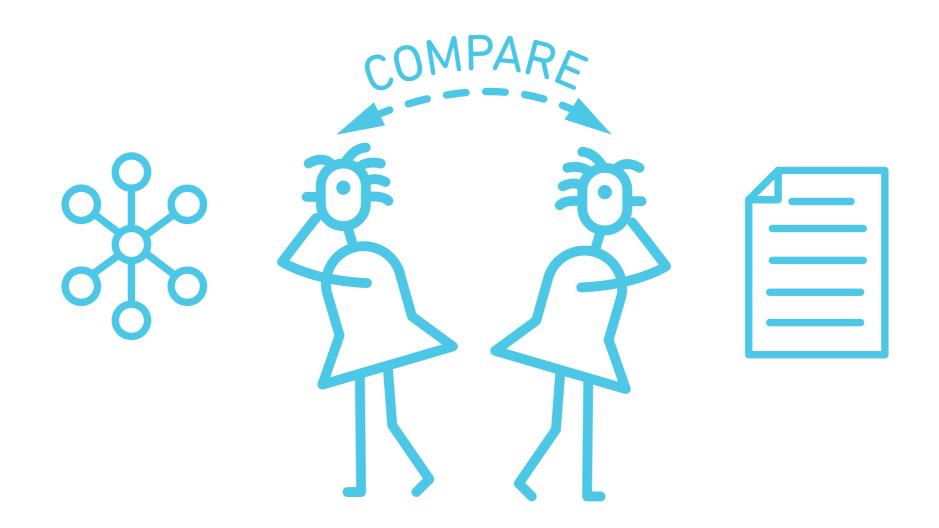
COMBINE WORDS AND VISUALS





HOW TO DO IT

Look at your class materials and find visuals. Look over the visuals and compare to the words.

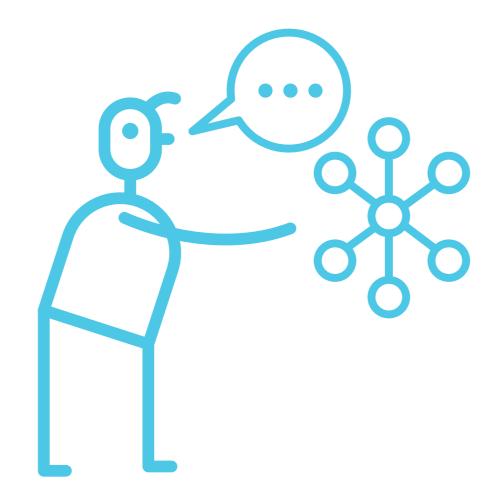






HOW TO DO IT

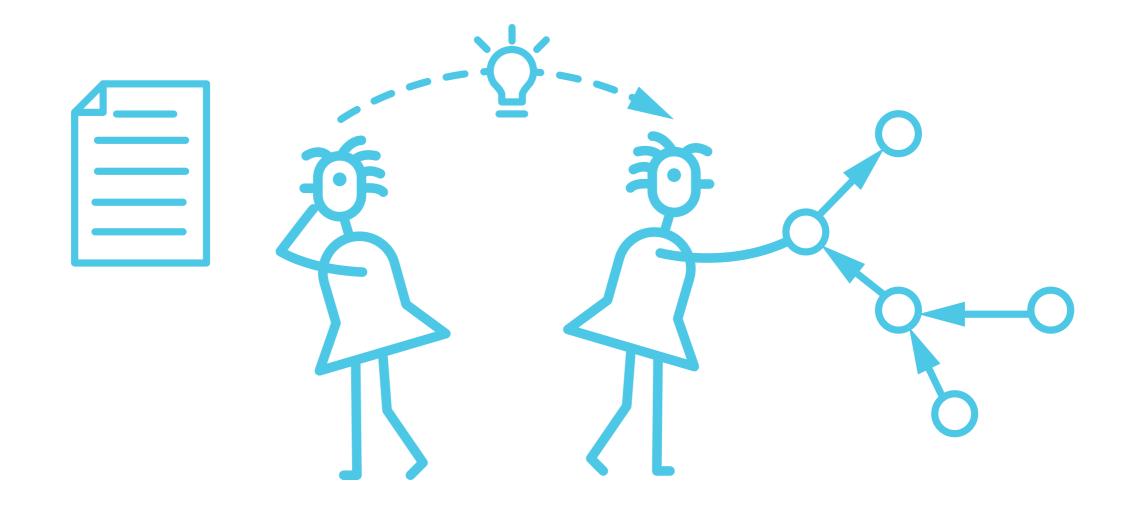
Look at visuals, and explain in your own words what they mean.





HOW TO DO IT

Take information that you are trying to learn, and draw visuals to go along with it.

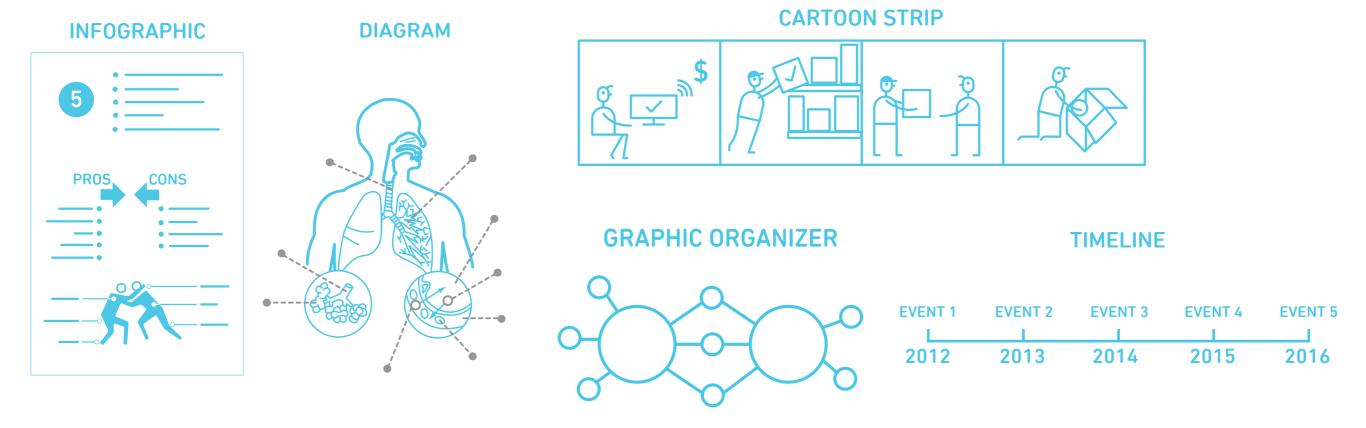






HOLD ON!

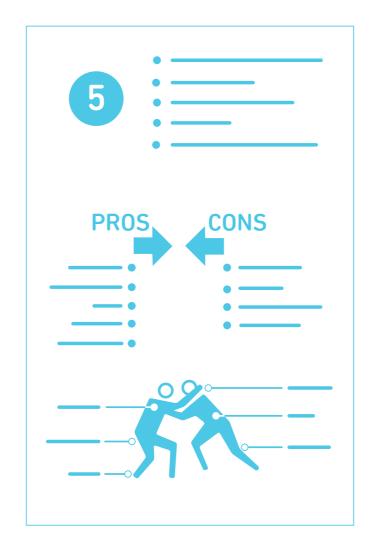
Try to come up with different ways to represent the information visually, for example an infographic, a timeline, a cartoon strip, or a diagram of parts that work together.





HOLD ON!

Try to come up with different ways to represent the information visually, for example... an infographic.







Try to come up with different ways to represent the information visually, for example... a timeline.





HOLD ON!

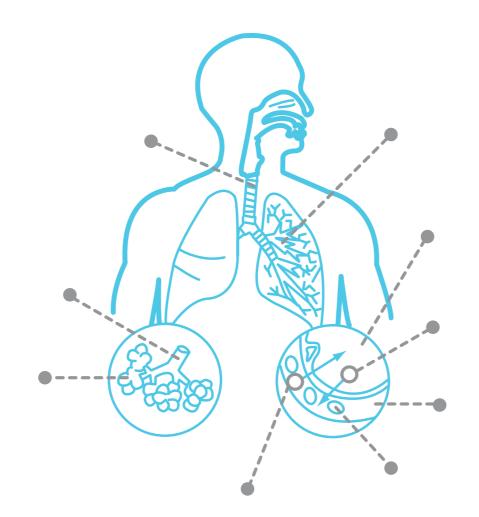
Try to come up with different ways to represent the information visually, for example... a cartoon strip.





HOLD ON!

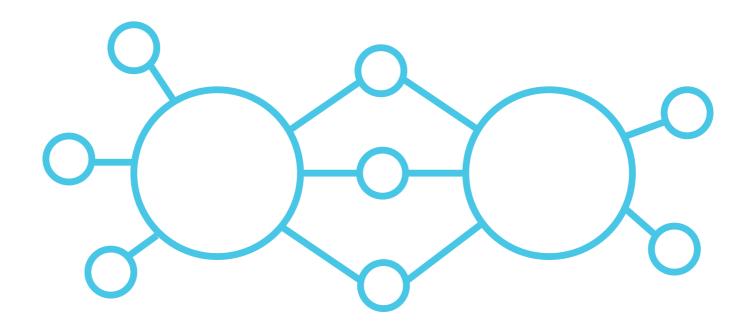
Try to come up with different ways to represent the information visually, for example... a diagram of parts that work together.





HOLD ON!

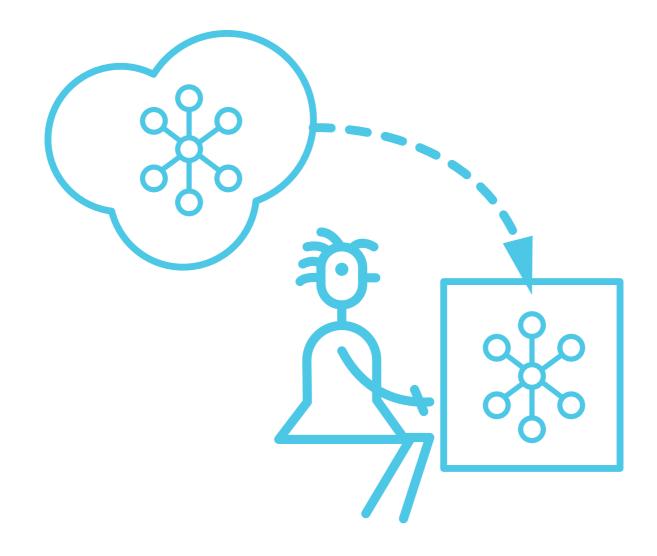
Try to come up with different ways to represent the information visually, for example... a graphic organizer.







Work your way up to drawing what you know from memory.







RESEARCH

Read more about dual coding as a study strategy

Use dual coding http://www.learningscientists.org/blog/2016/9/1-1

Use dual coding http://www.learningscientists.org/blog/2016/5/12-1

Mayer, R. E., & Anderson, R. B. (1992). The instructive animation: Helping students build connections between words and pictures in multimedia learning. *Journal of Educational Psychology*, 4, 444-452.



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