



SYMPOSIUM BREAKOUT SESSION
MONDAY, OCTOBER 24, 2022 | 3:30-4:30 PM ET

Becoming Einstein's Teacher: Six Steps to Awaken the Genius in Your Students

PRESENTER:

- Erika Twani, Learning One to One Foundation



Becoming Einstein's Teacher

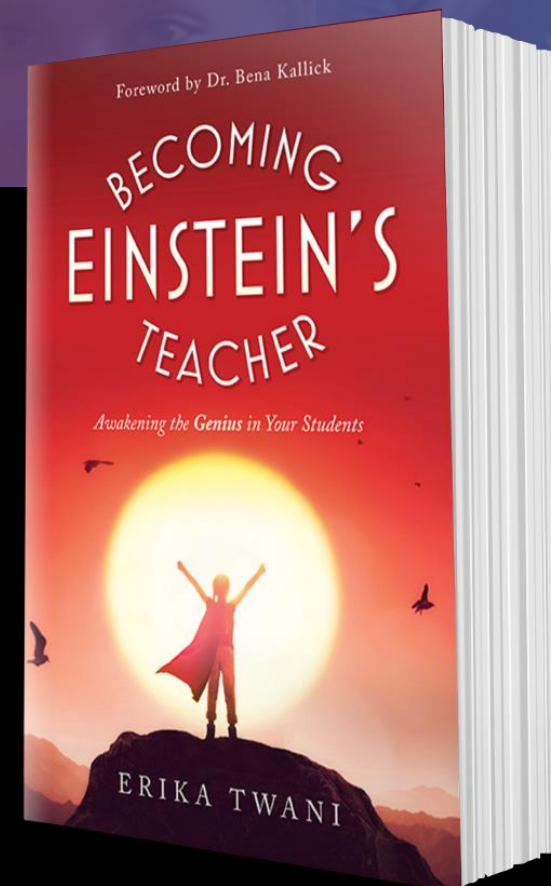
Awakening the Genius in Your Students



Erika Twani



▼
Erika Twani





USE YOUR PHONE!



@ErikaTwani



@etwani



@BecomingEinsteinsTeacher
@Erikatwani



@erikatwani



#einsteinsteacher

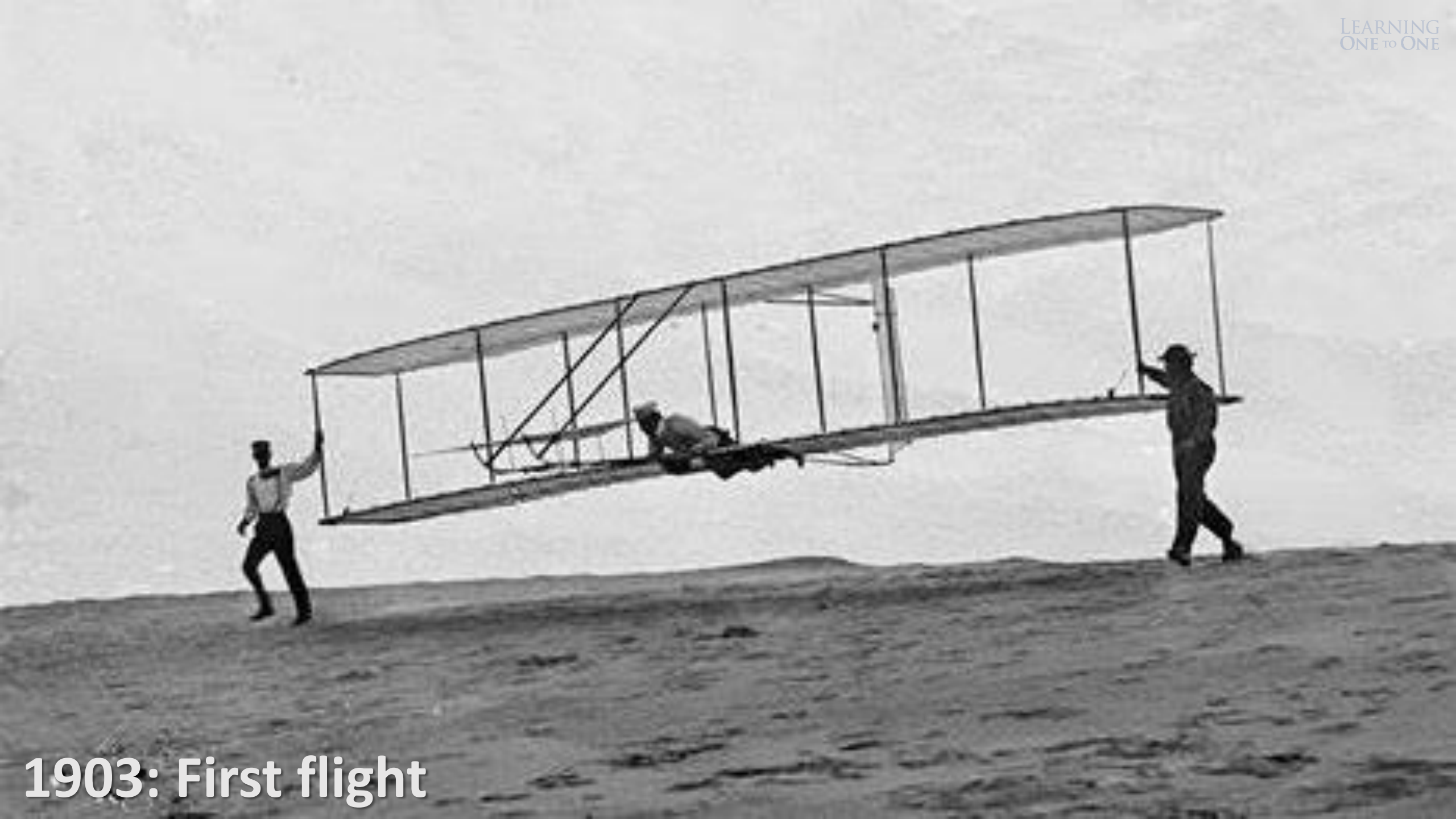


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**What if there was no
IMPOSSIBLE?**



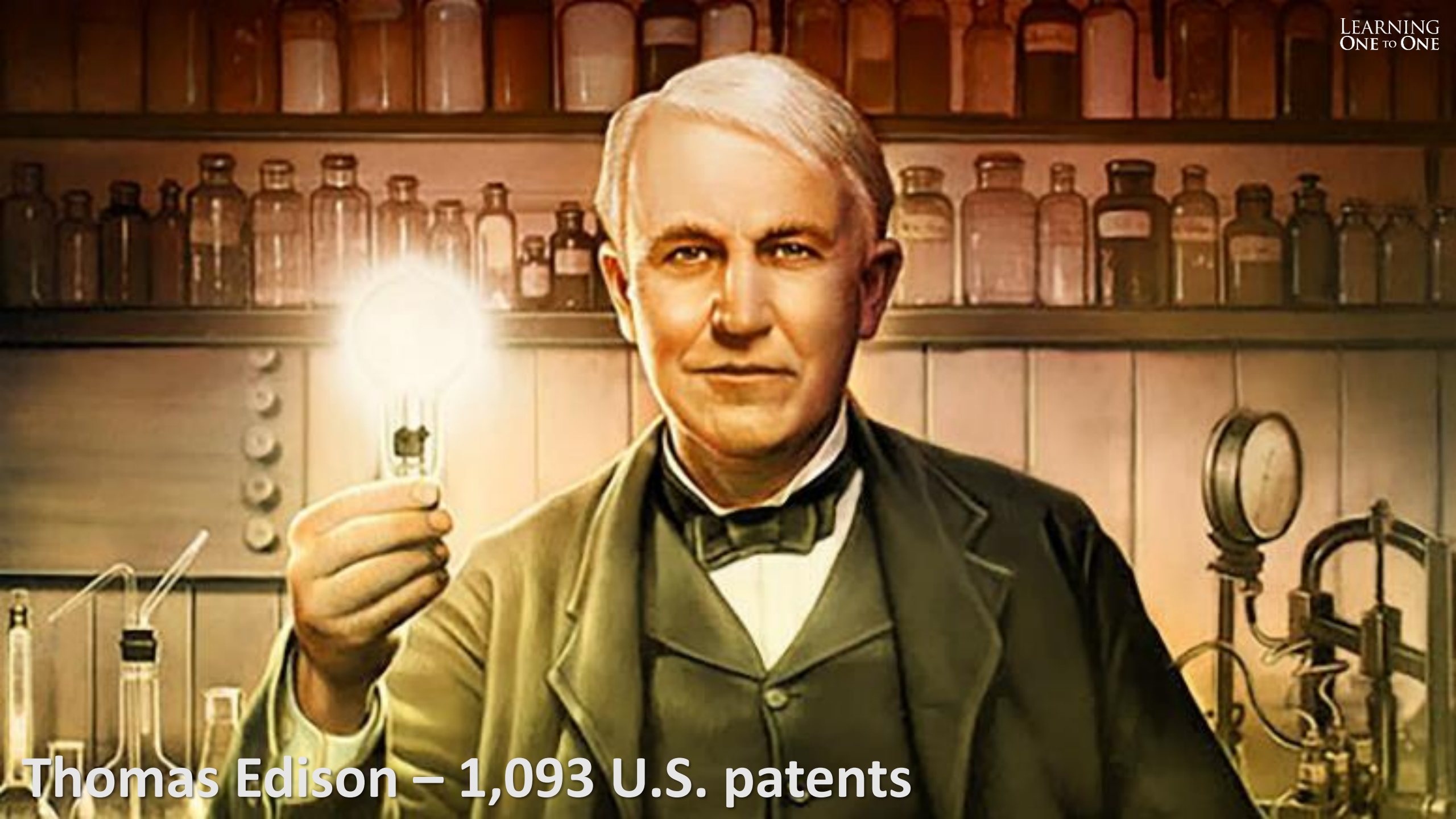
Roger Bannister
1954: First four-minute mile



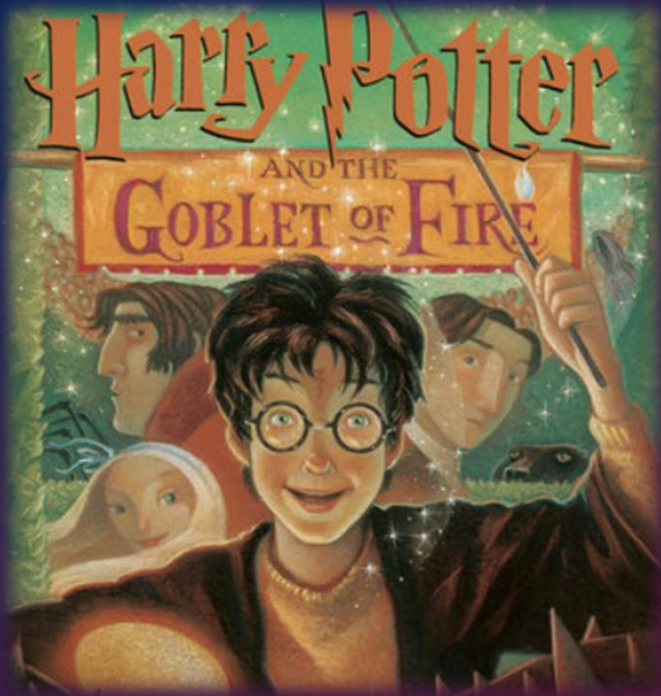
1903: First flight



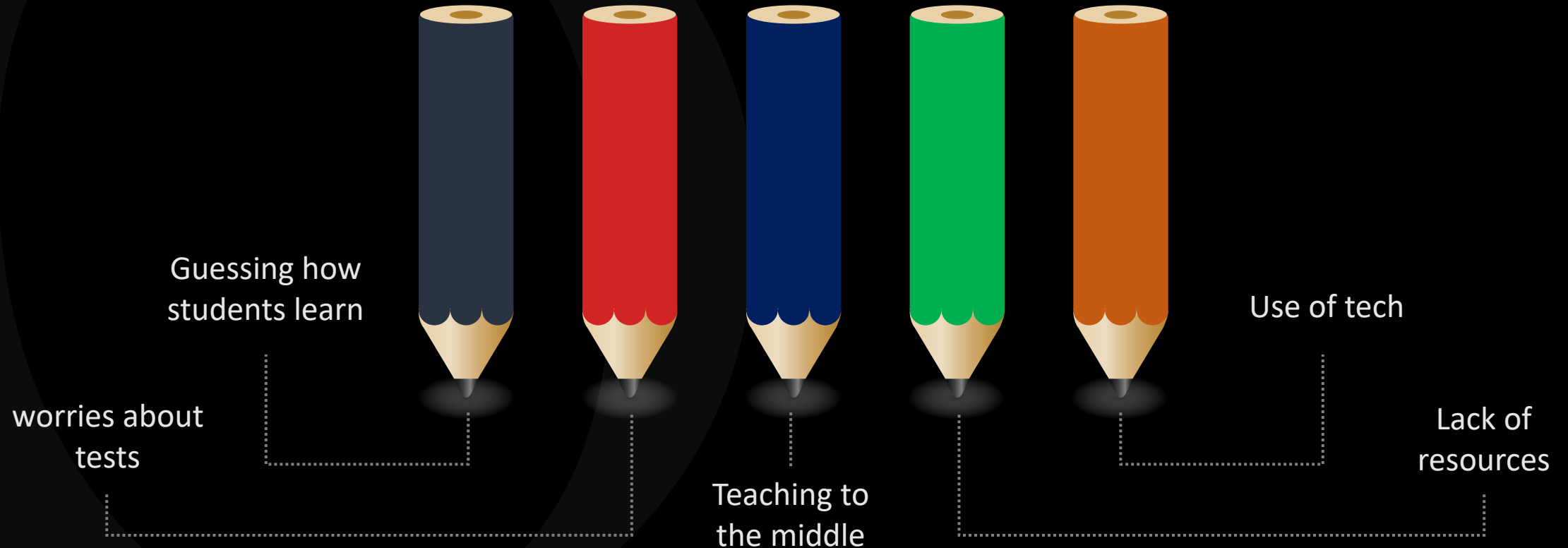
1932 - Amelia Earhart



Thomas Edison – 1,093 U.S. patents



The Challenges of the Modern Teacher







What is the process?

Own learning
Experience



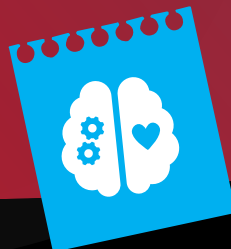
Cognitive + socio-
emotional skills



Student
agency

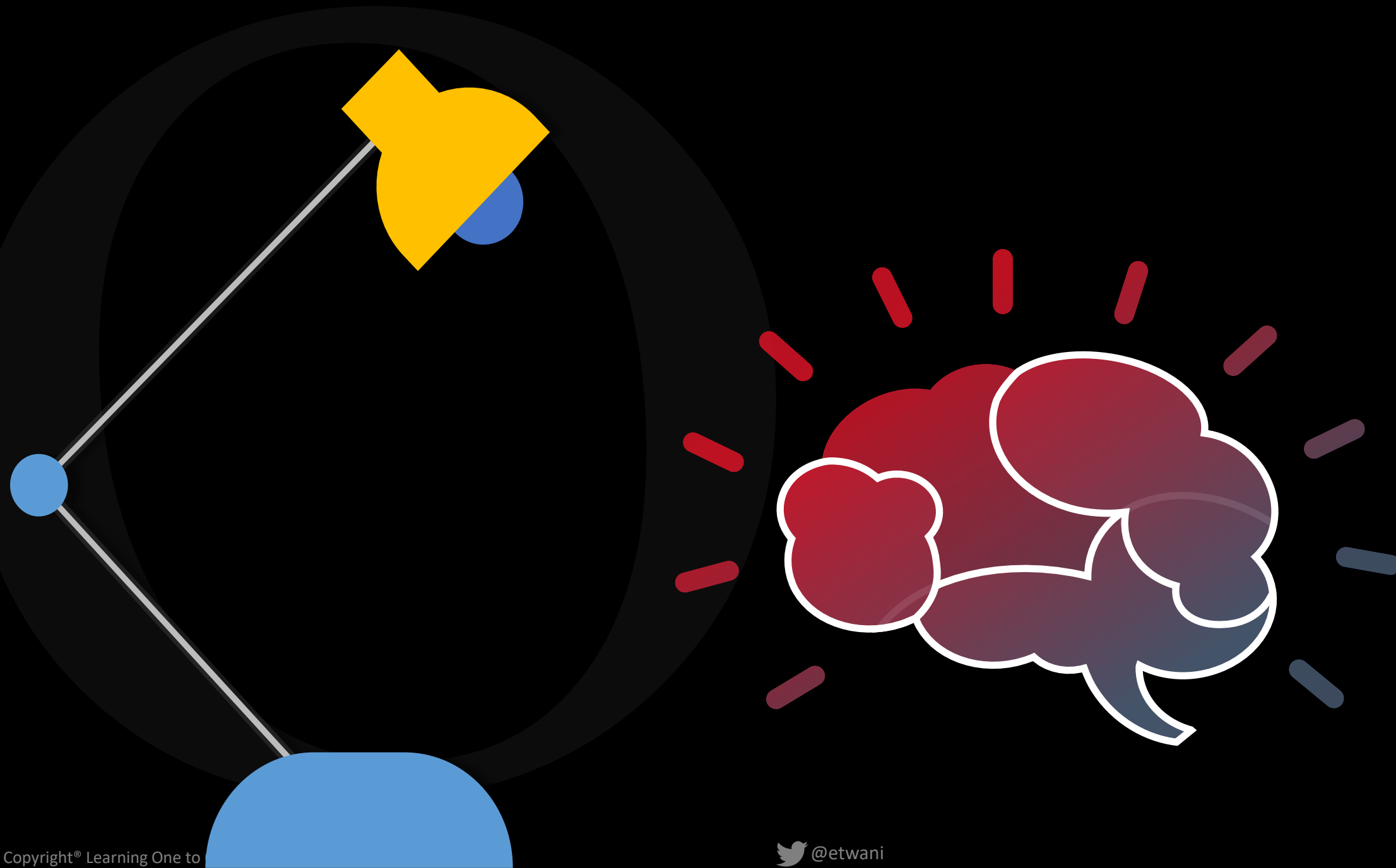


Any context

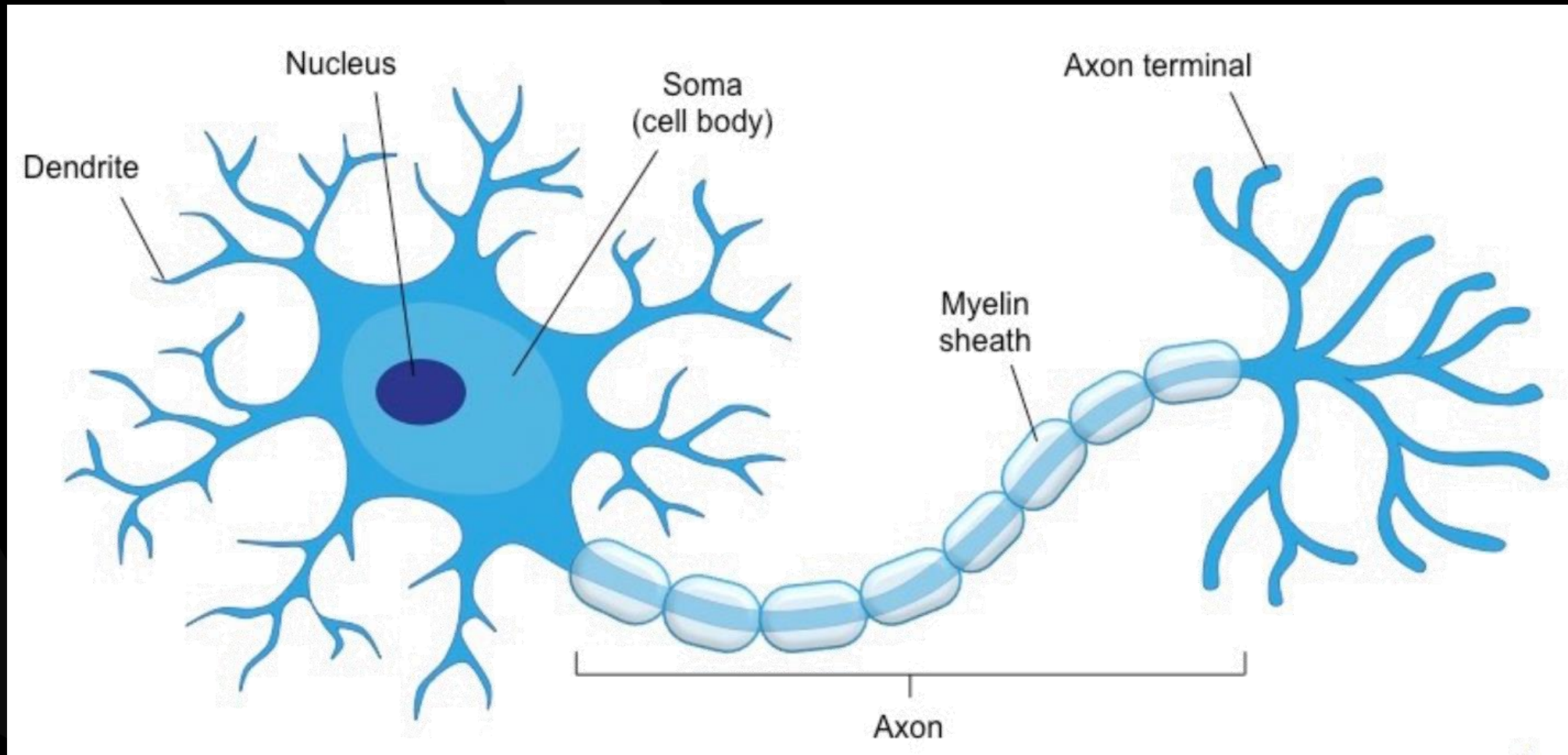


Conclusions

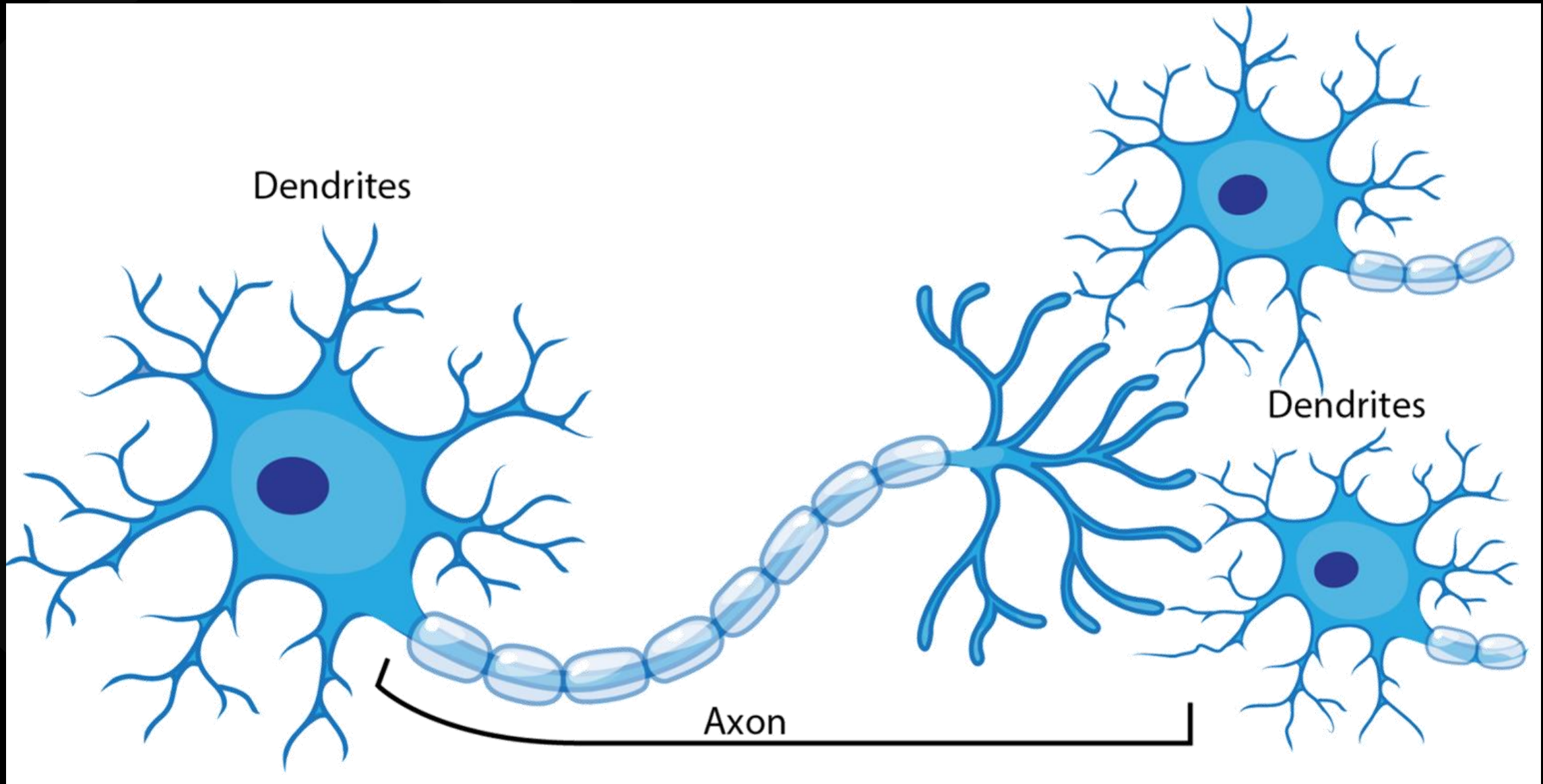
**Today you will learn about
the process of making the
impossible possible**

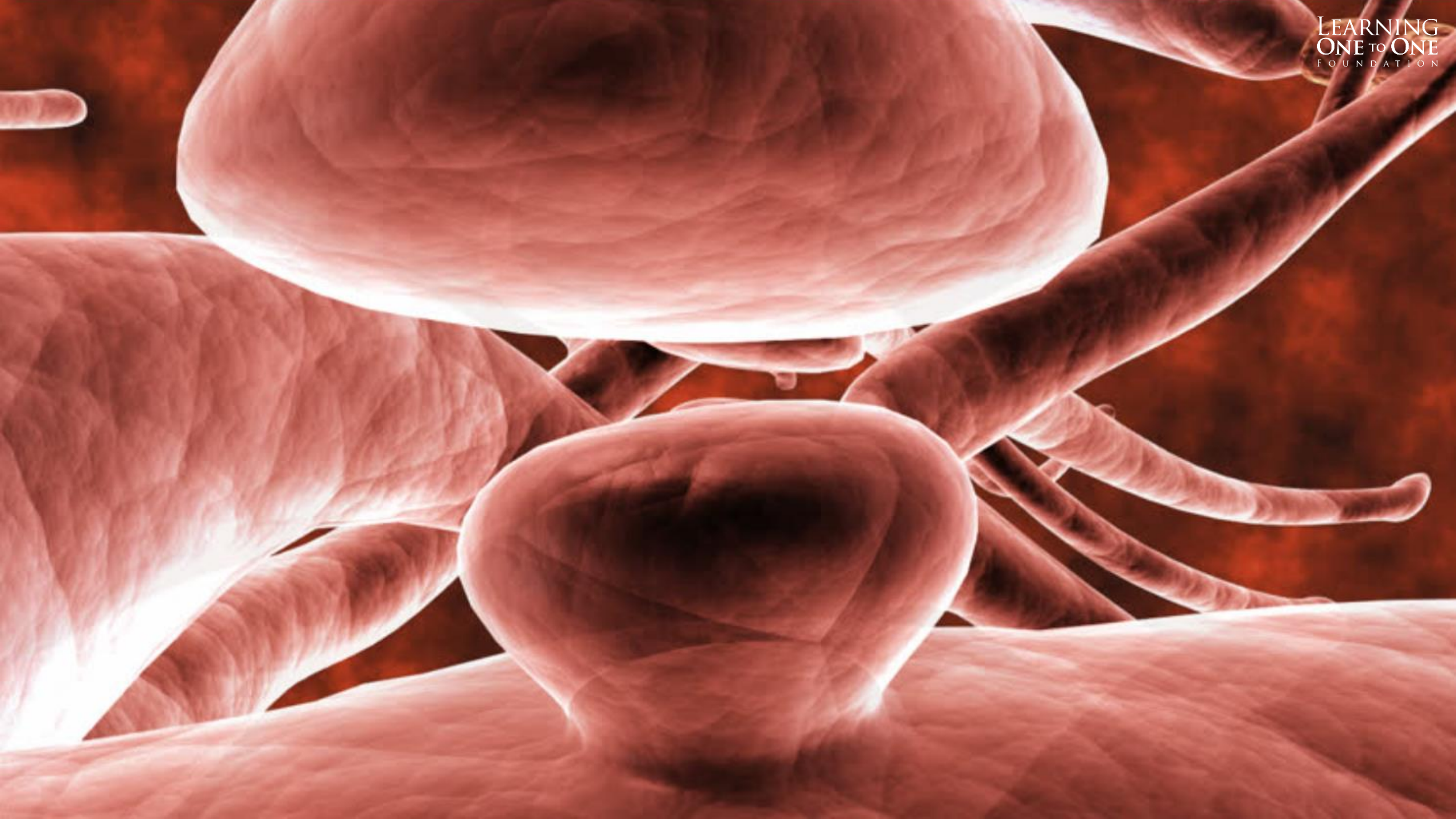


A neuron



A neuron connection





Neurotransmitters

Alertness

Working memory (*hyper*)
Motivation (*compulsion*)
Clarity (*foggy*)

Dopamine

Appetite

Serotonin

Satisfaction

Learning memory (*confusion*)
Pleasure/pain (*anxiety*)
Relaxation (*Restlessness*)

Balanced
mood

Attention

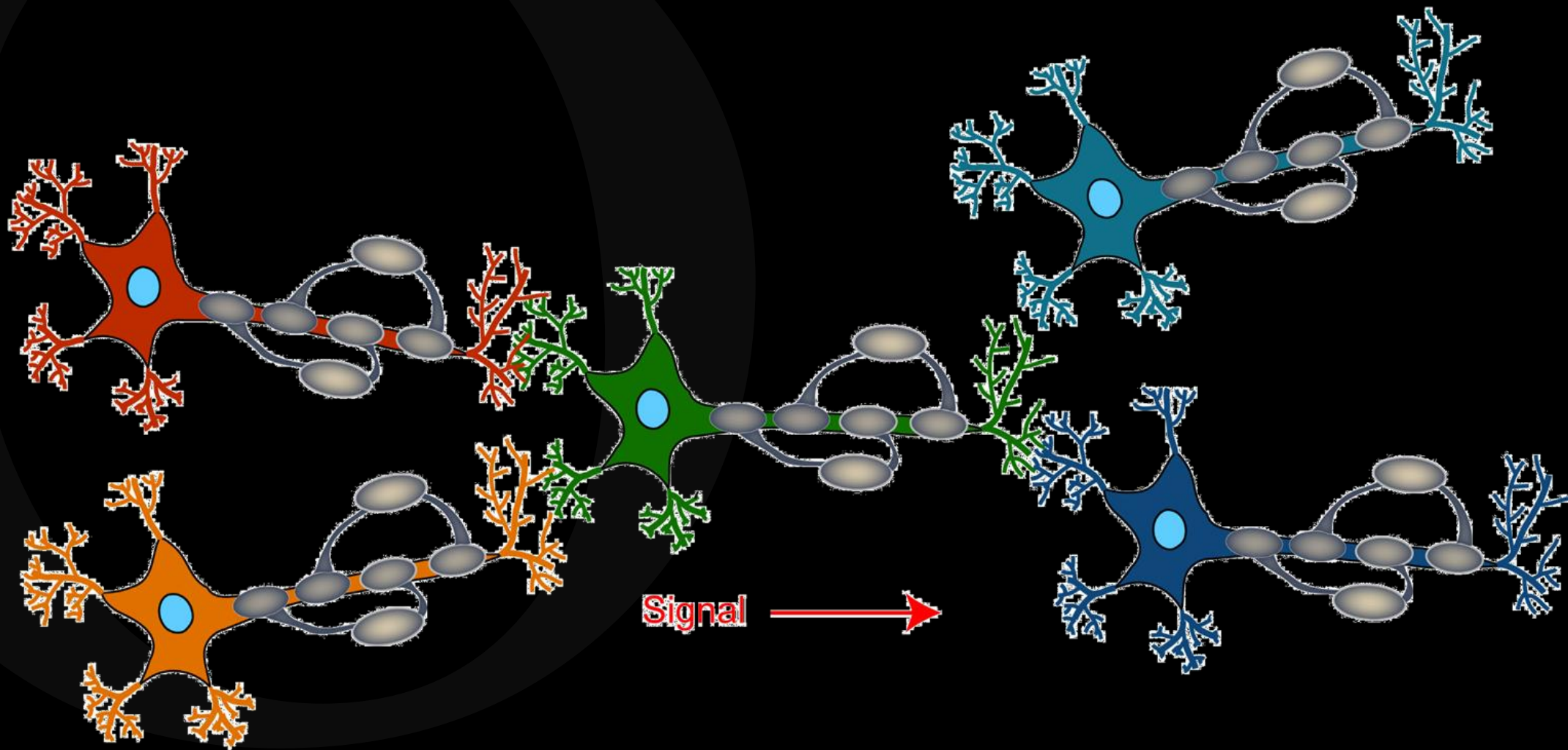
Intuition

Concentration

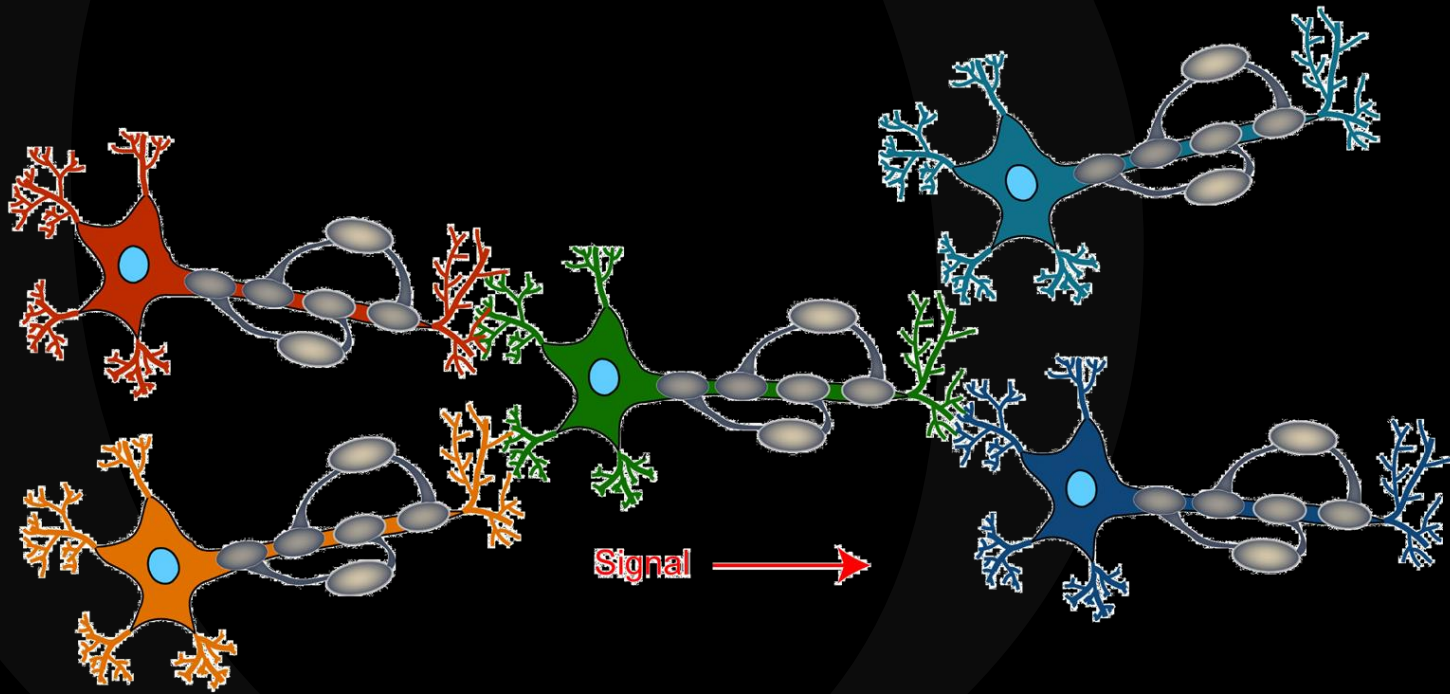
Execution (*hesitation*)
Perseverance (*obsession*)
Recall memory (*doubt*)

Norepinephrine

A Neural Network



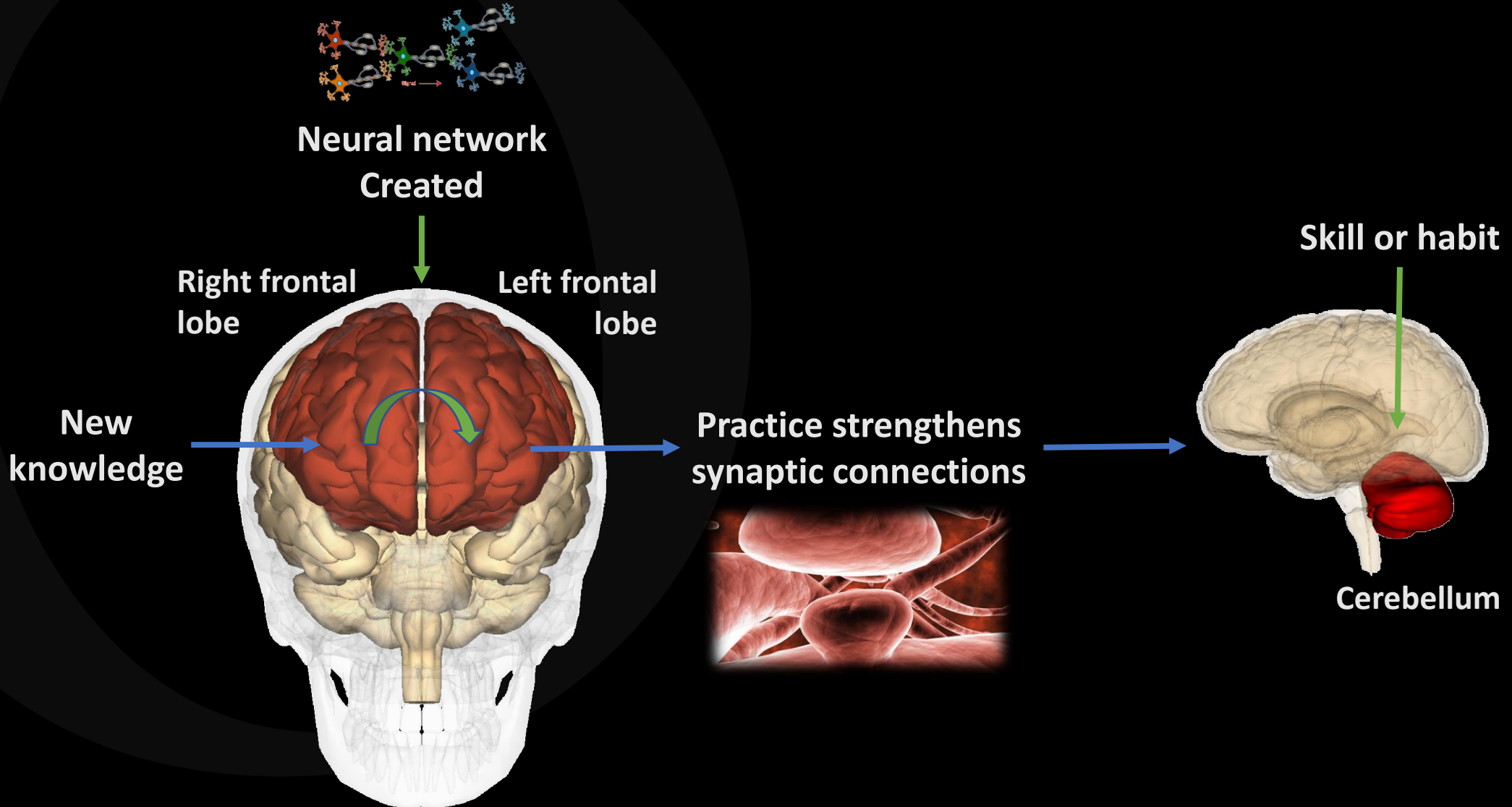
Donald Hebb: Learning by Association

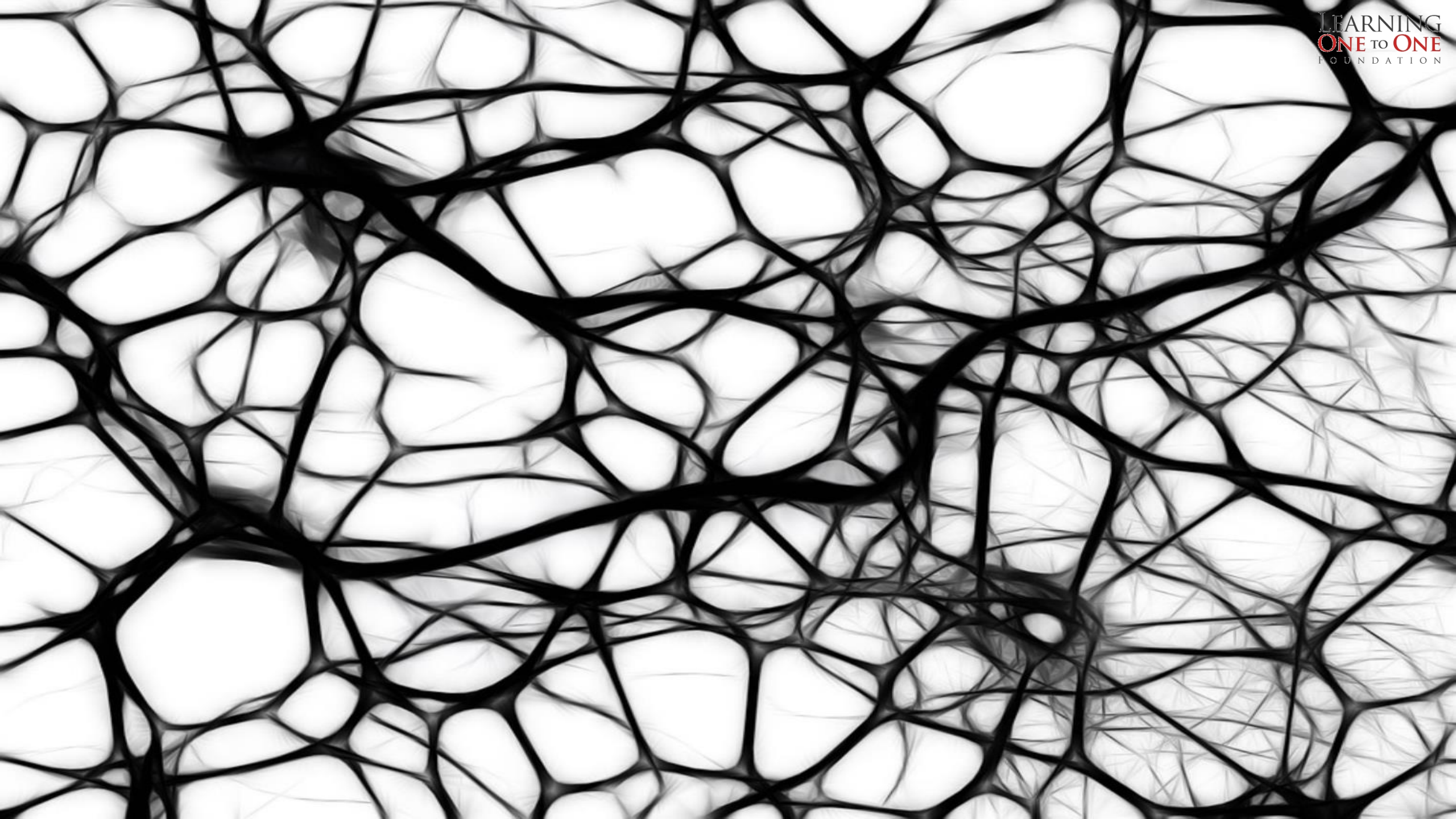


**“Cells that
fire together,
wire together”**



The Learning System





Outstanding learning habits

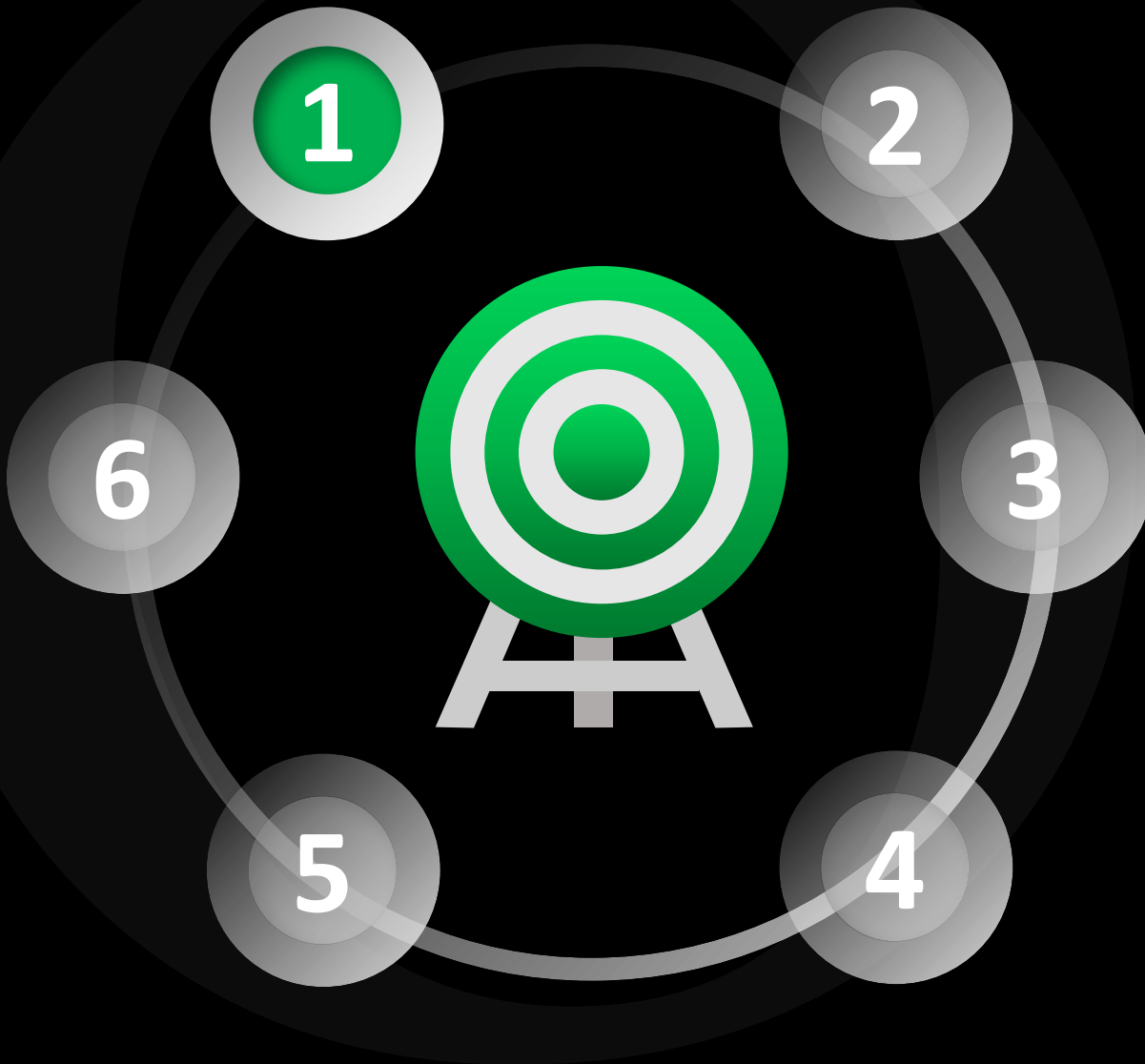
10,000

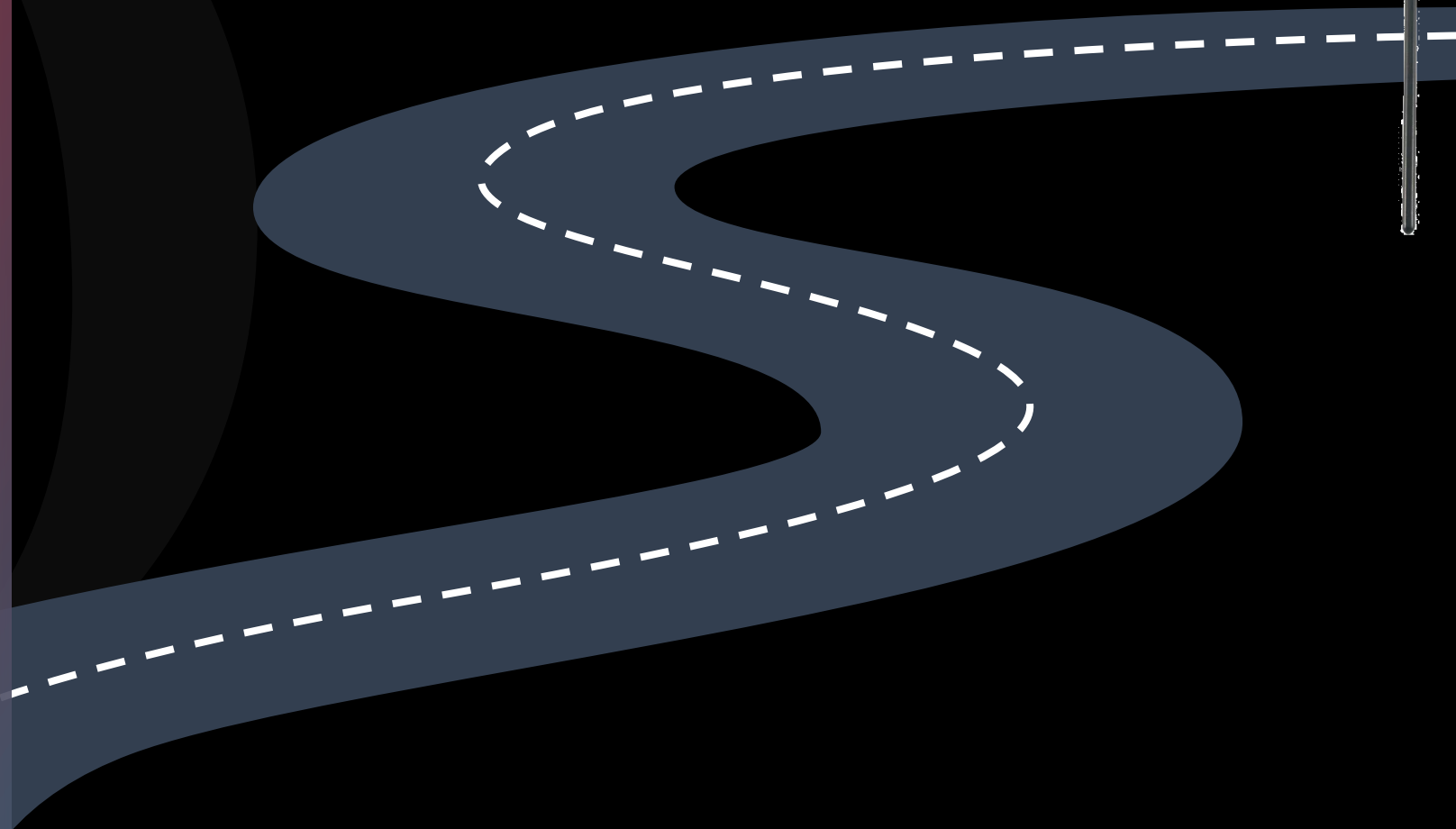
16,800

Relational Learning Framework



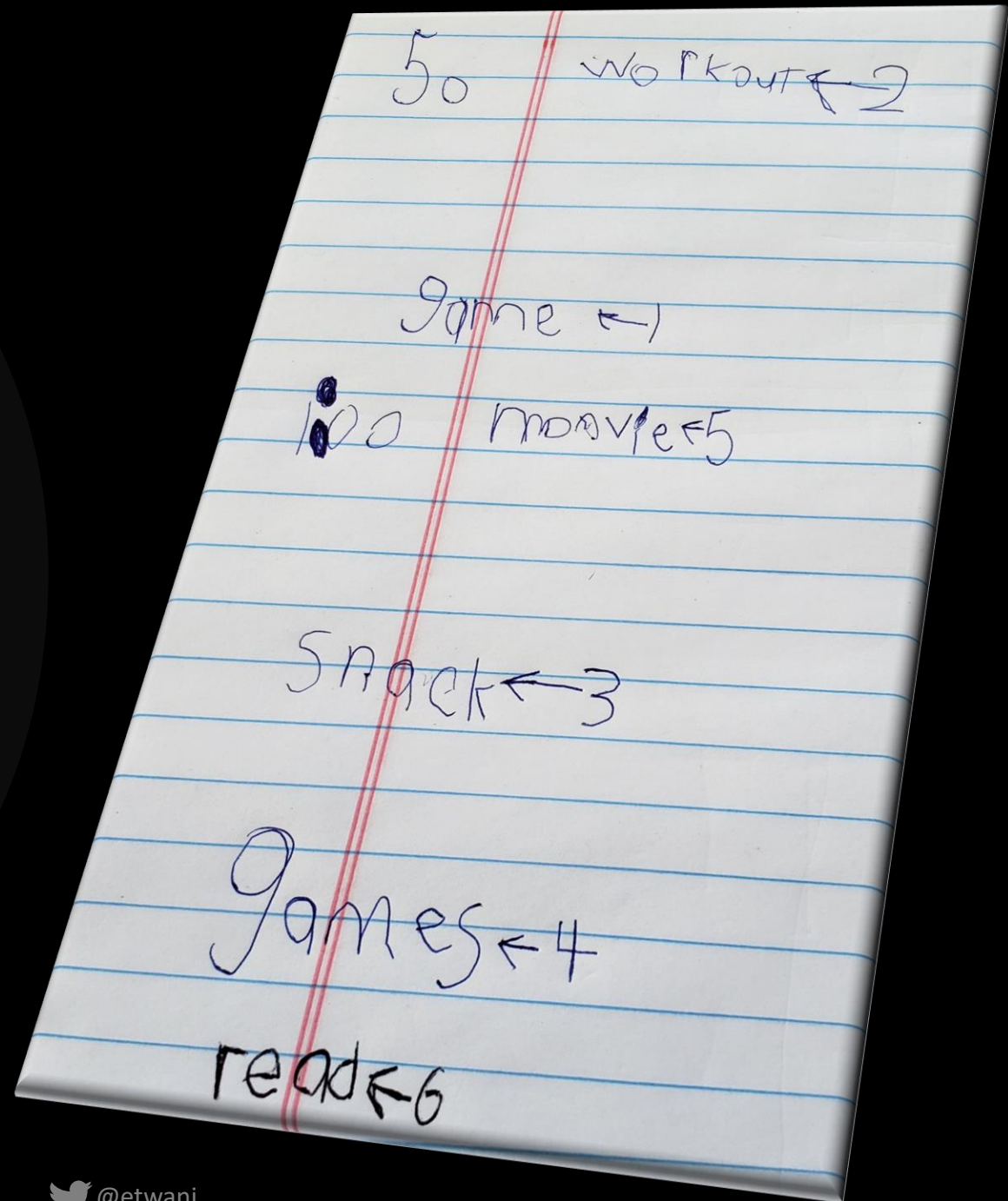
Goal setting and planning





Watson's Planning

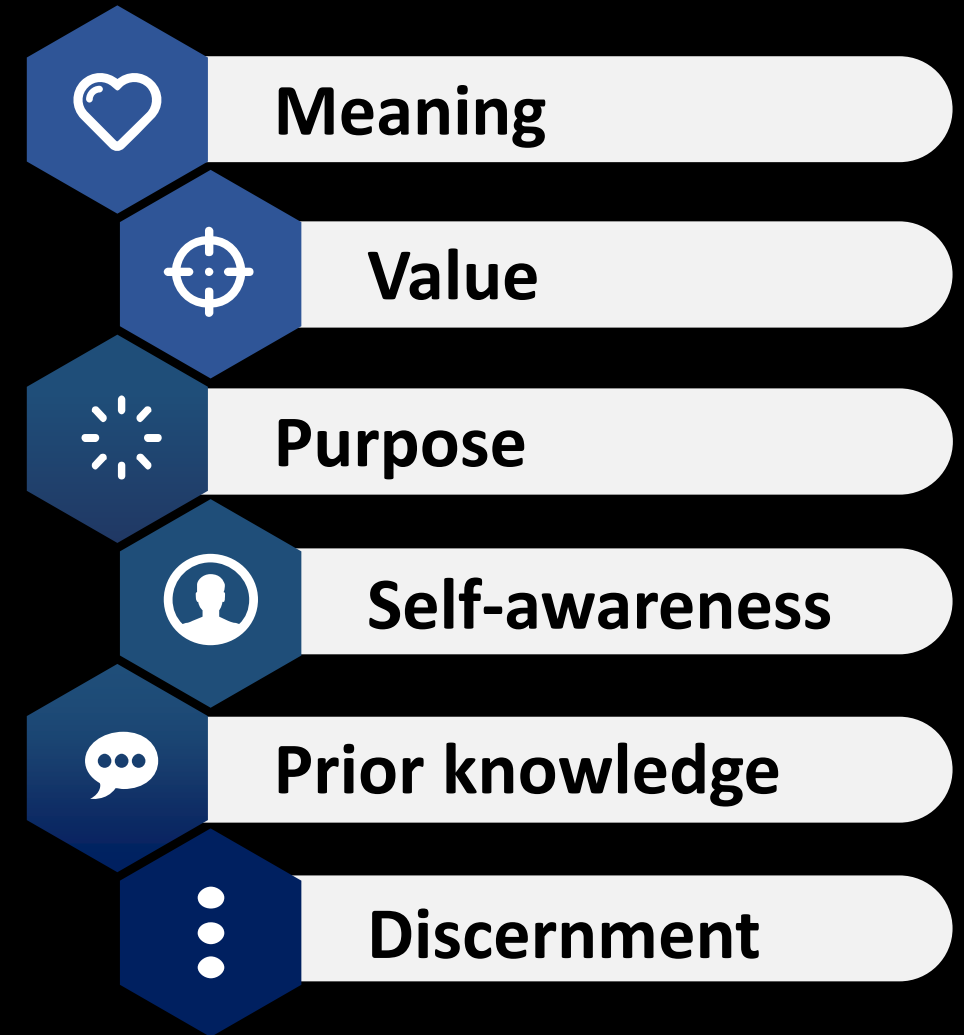
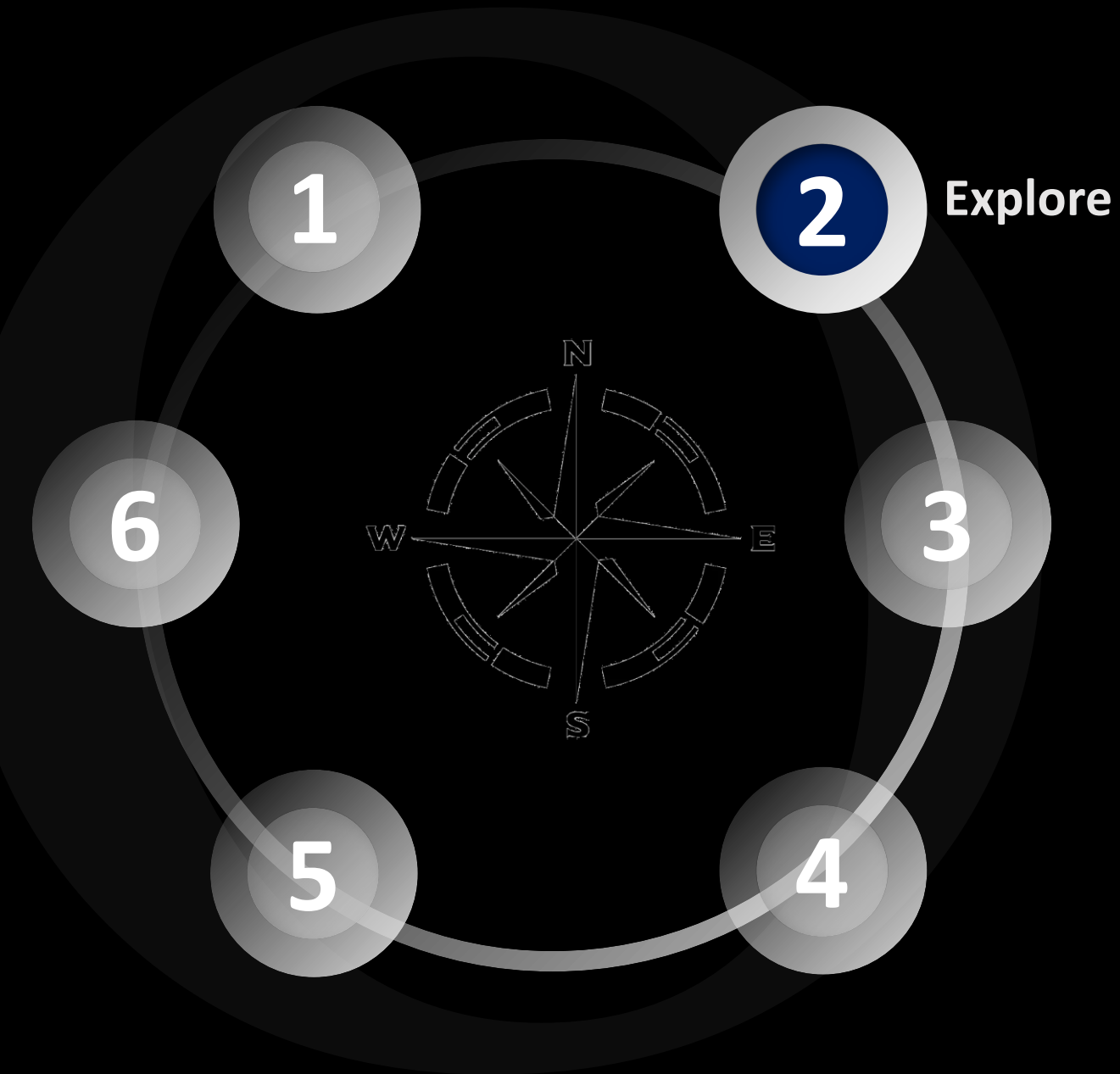
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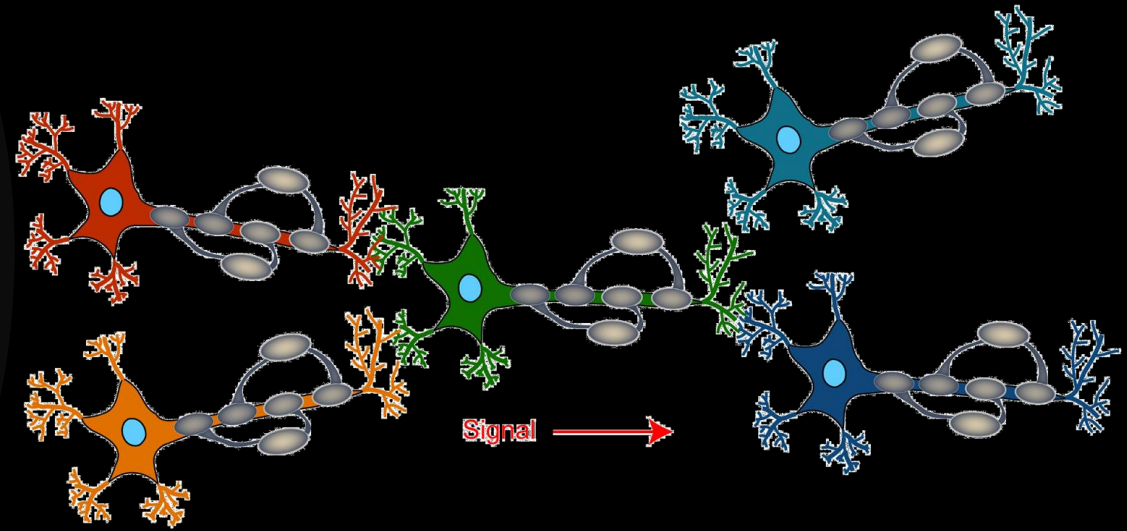
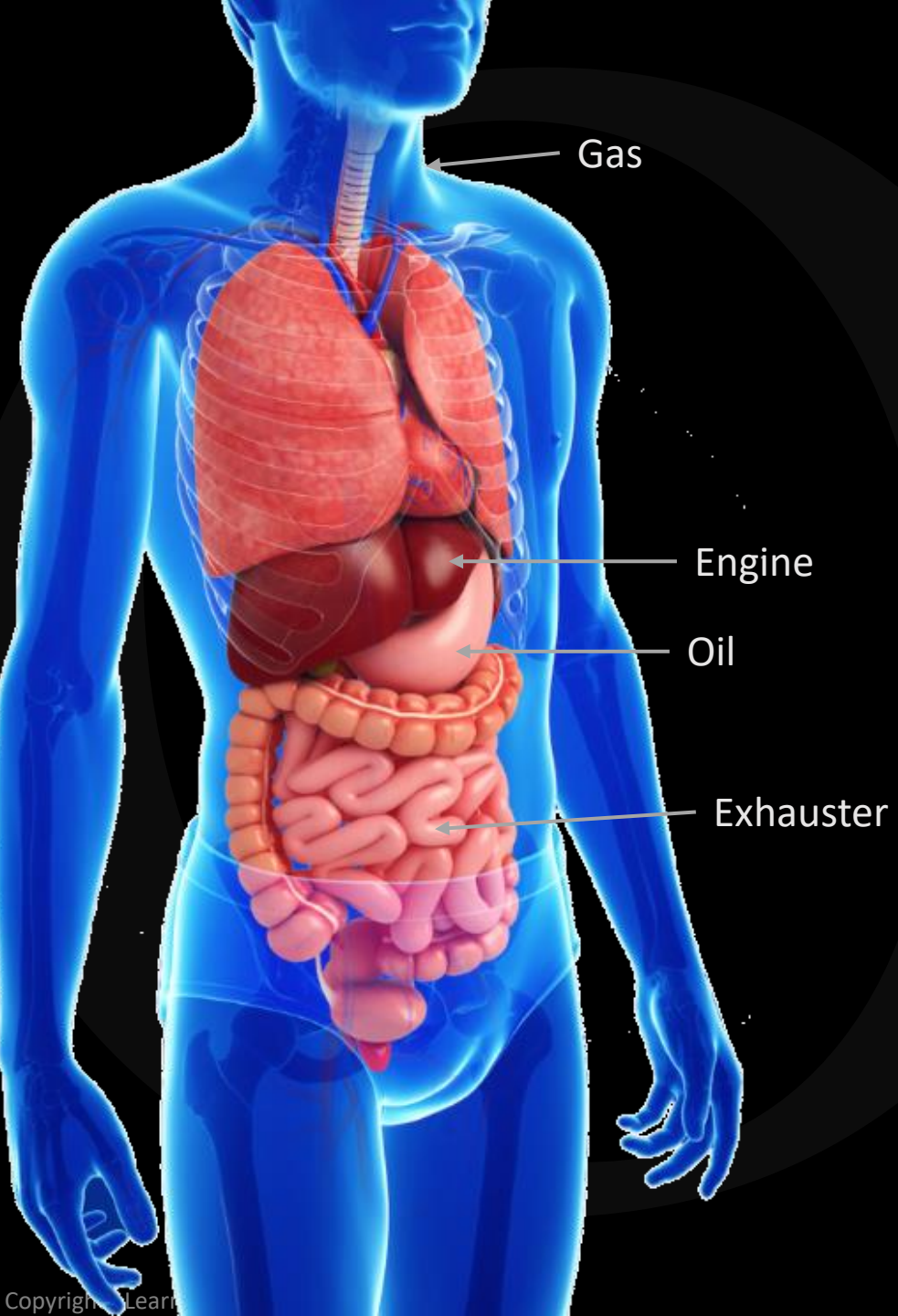




Our today's schedule

7a	
8a	Planning time
9a	Work on activities 1, 2, and 3 of practice on unit of study “numbers and me”
10a	Continue research on unit of study “atoms” and complete org grid
	Break
11a	Write 2,000 words on my essay “the world around us”
12p	Lunch and music practice
1p	You decide what goes here. Be clear and concise
2p	
3p	Science club: execute experiment #3 and report results on a concept map
4p	Volleyball practice
5p	

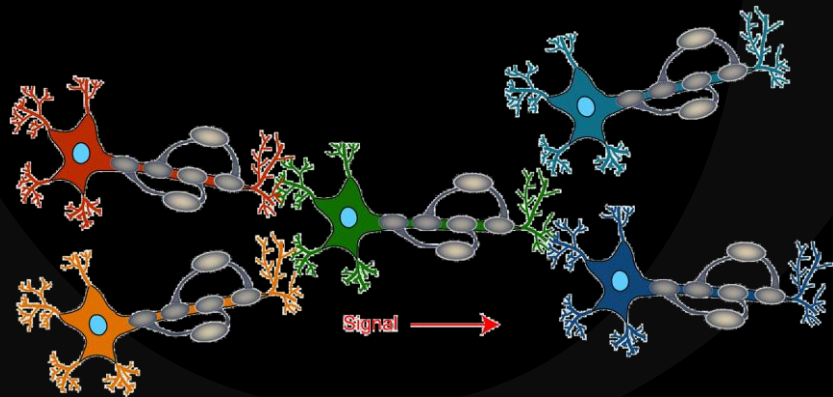




“

fire
fire
”

- Dr. Donald Hebb



Educare: To bring forth from within





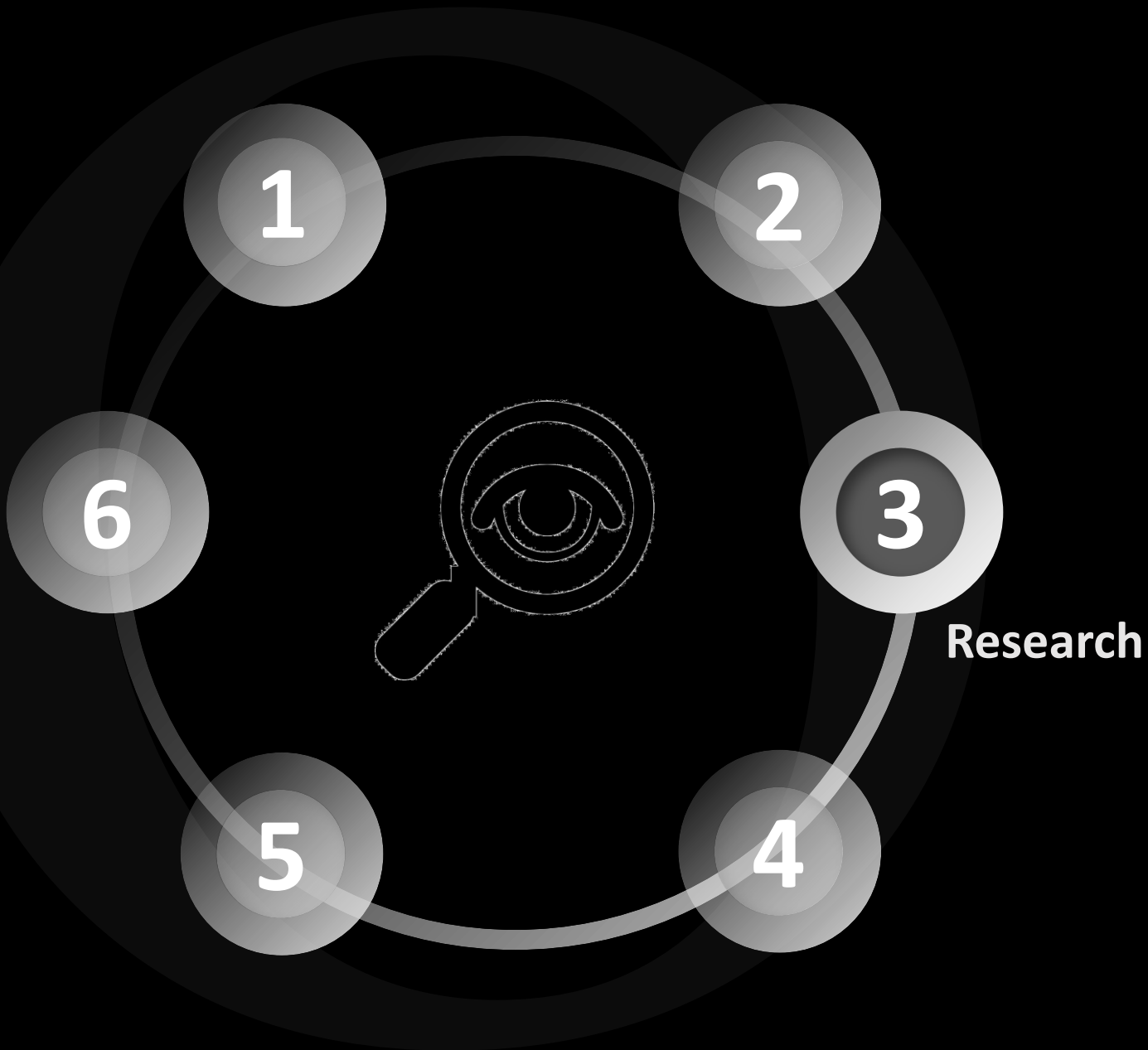
Can you associate a singer or band to each existing style?

Why?

Who started it?

What is your favorite music genre?







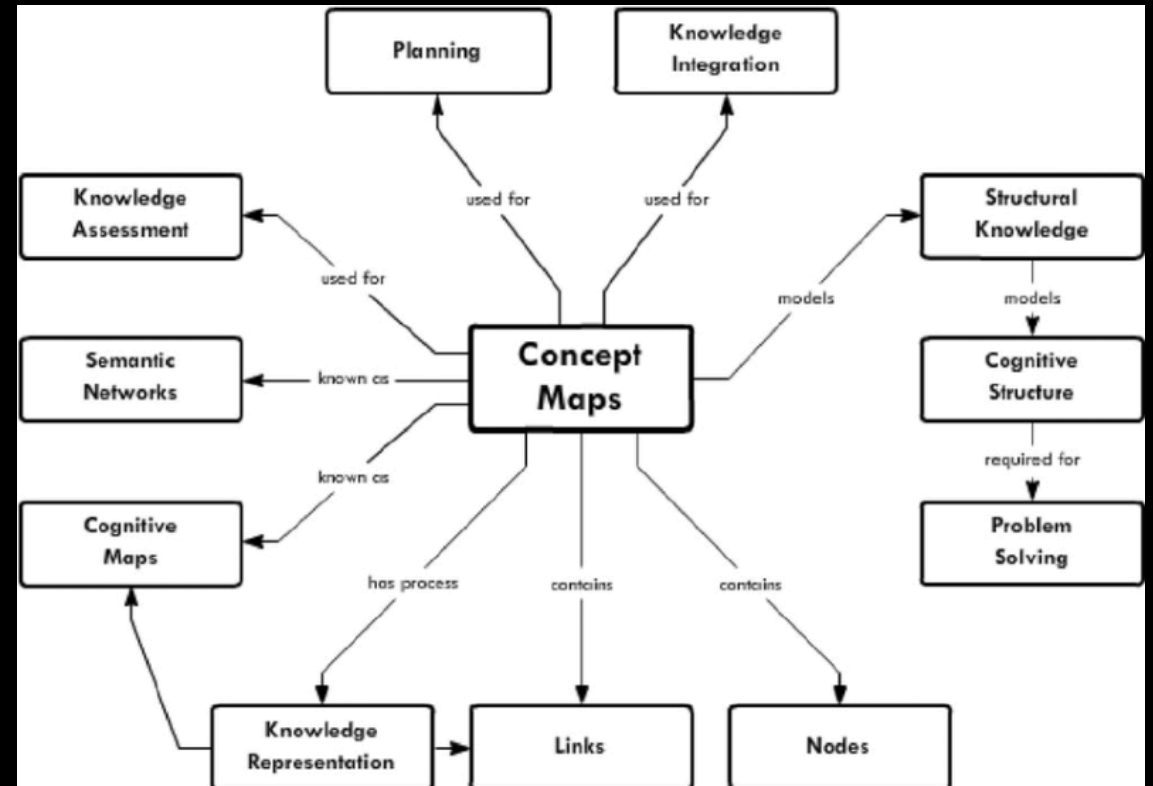


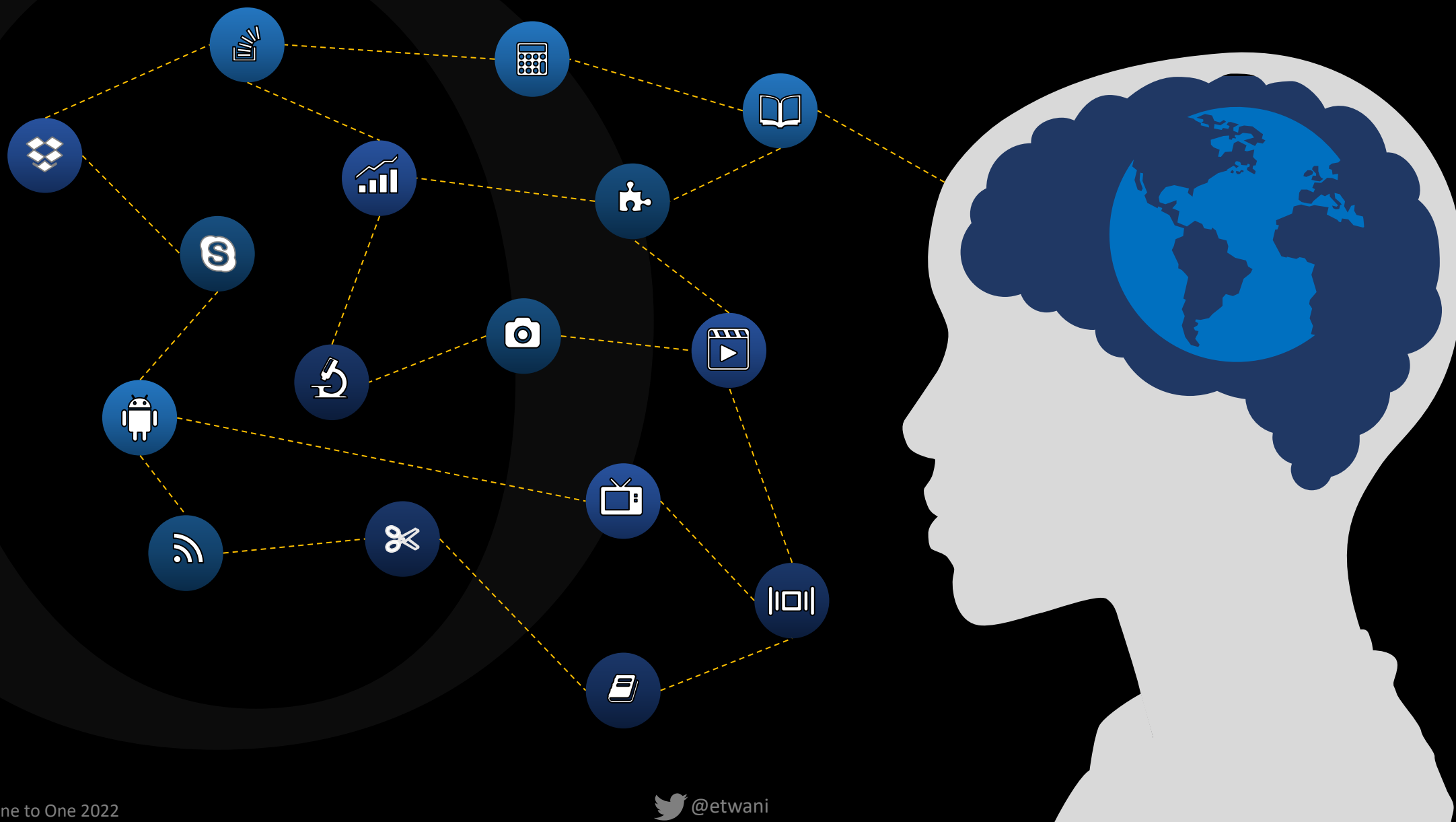
1,600 children for 15 years

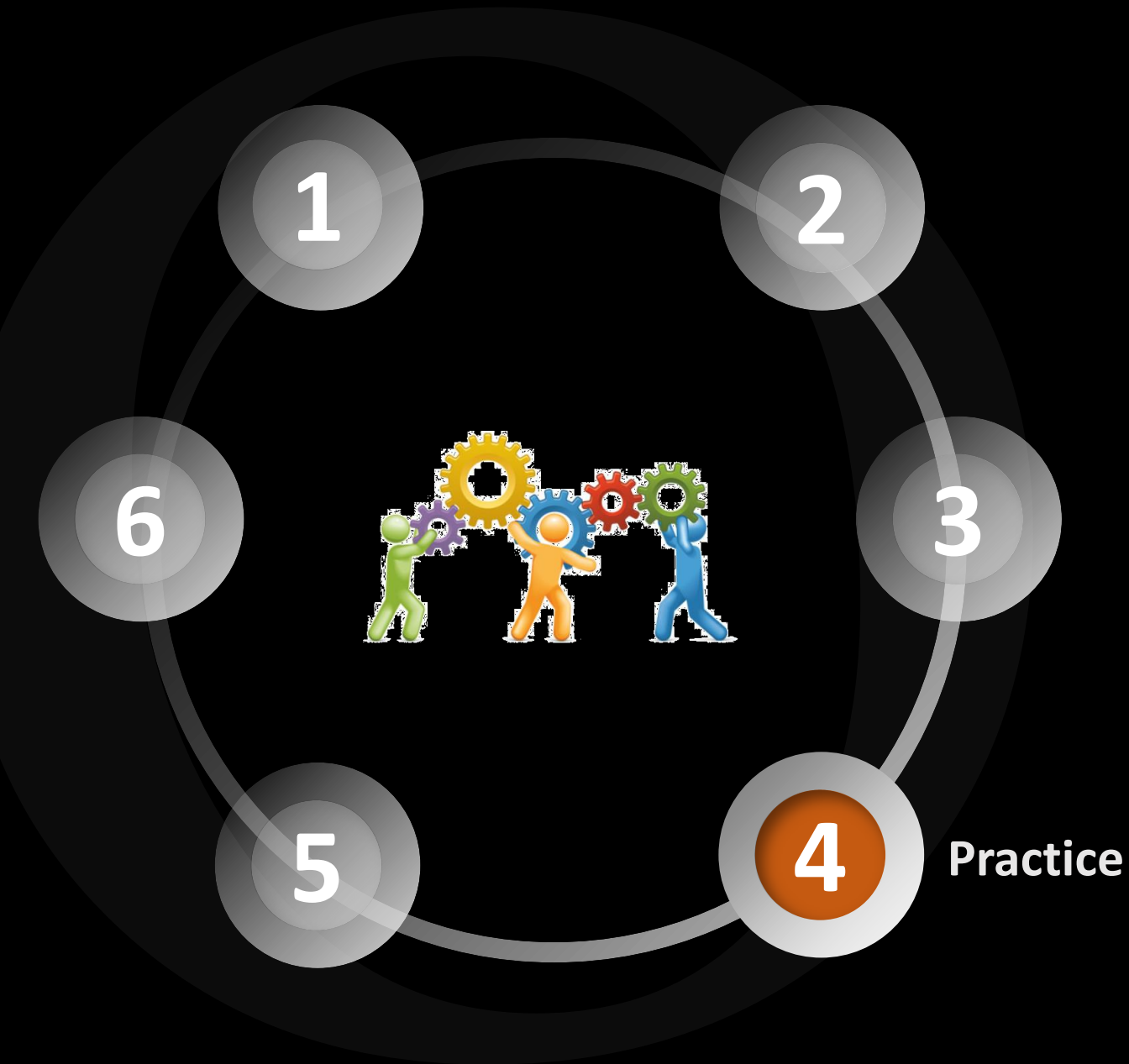
AGE	% of Creative Genius
3 to 5	98%
10	32%
15	10%
25	2%

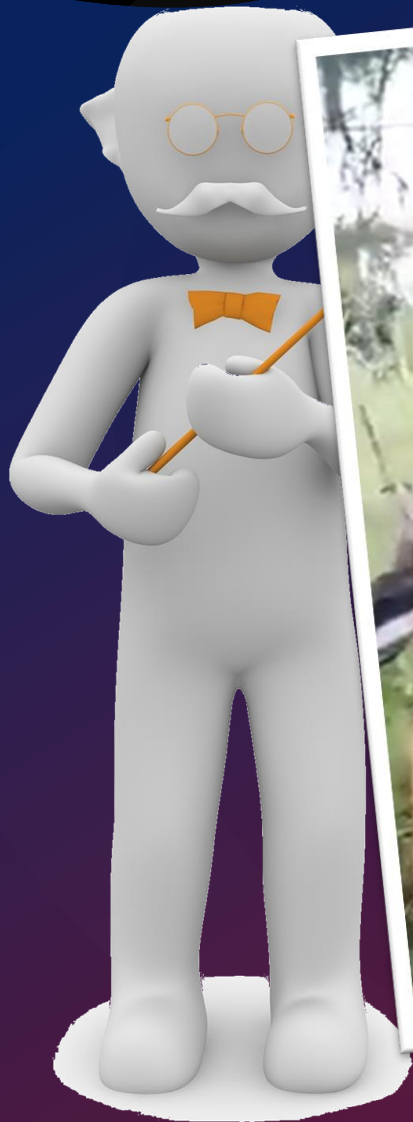
My org grid

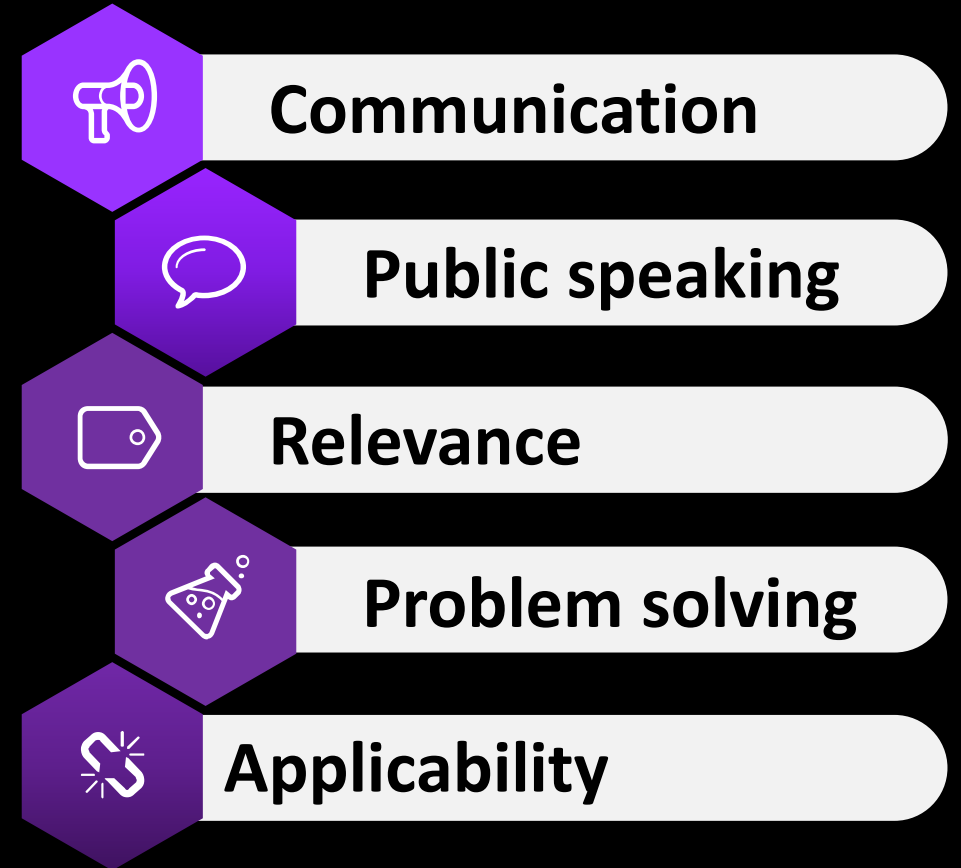
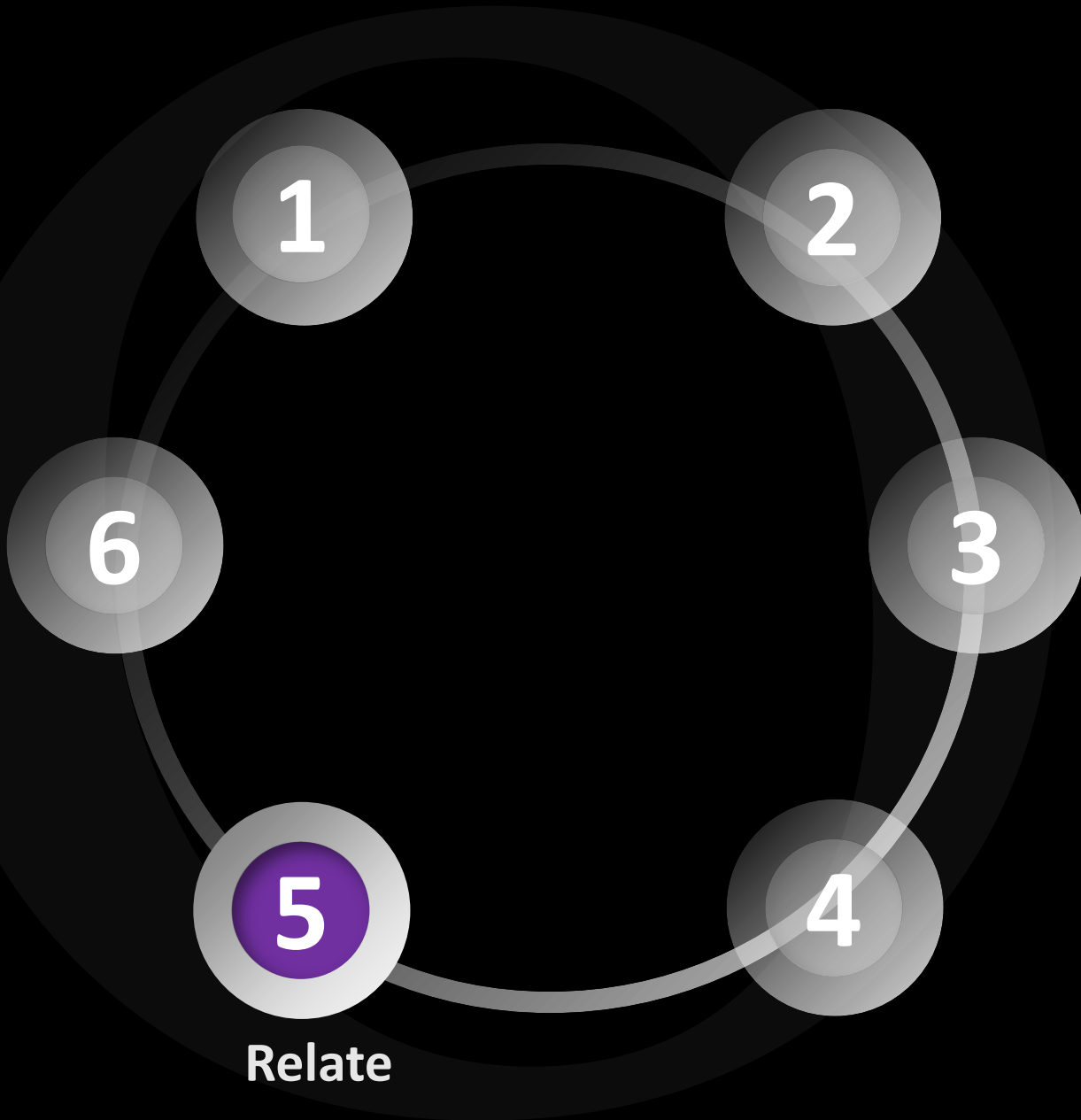
Questions	What	Why	Examples
<i>Why is music important?</i>			
<i>Why is it important to learn about music?</i>			
<i>Why is music important for children?</i>			











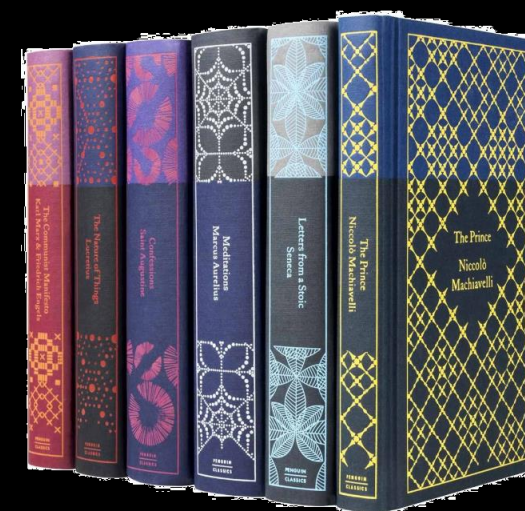
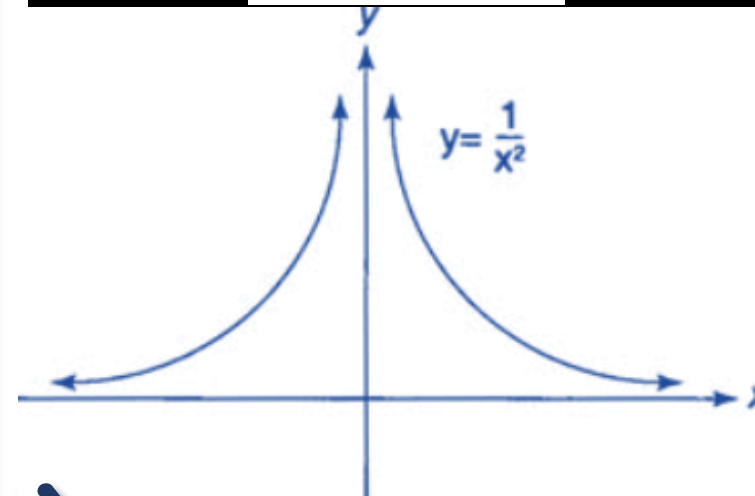
How will I use what I learned?

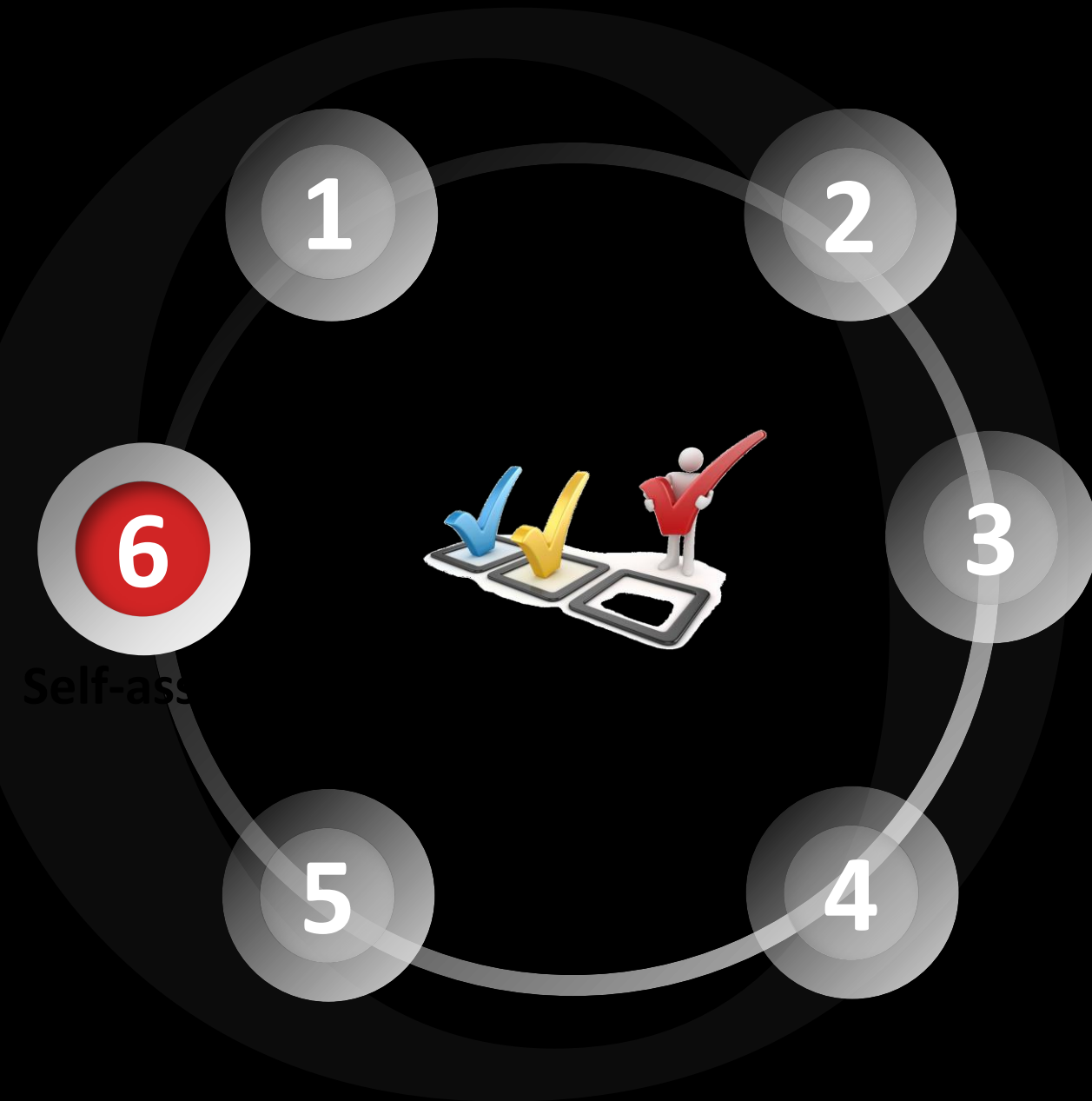
Intrinsic
motivation





Math limits







Praise the progress
in the process

Practice, practice



Foster process practice

Learning process



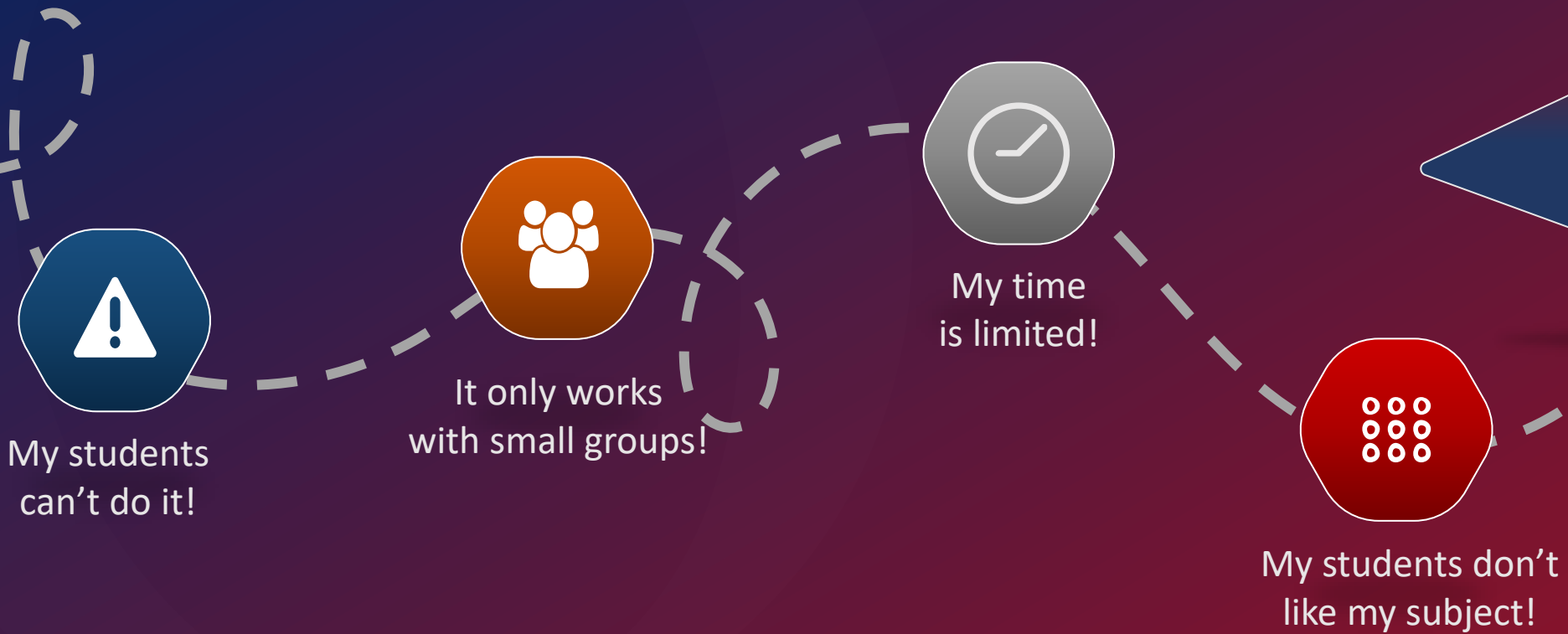
Review activities

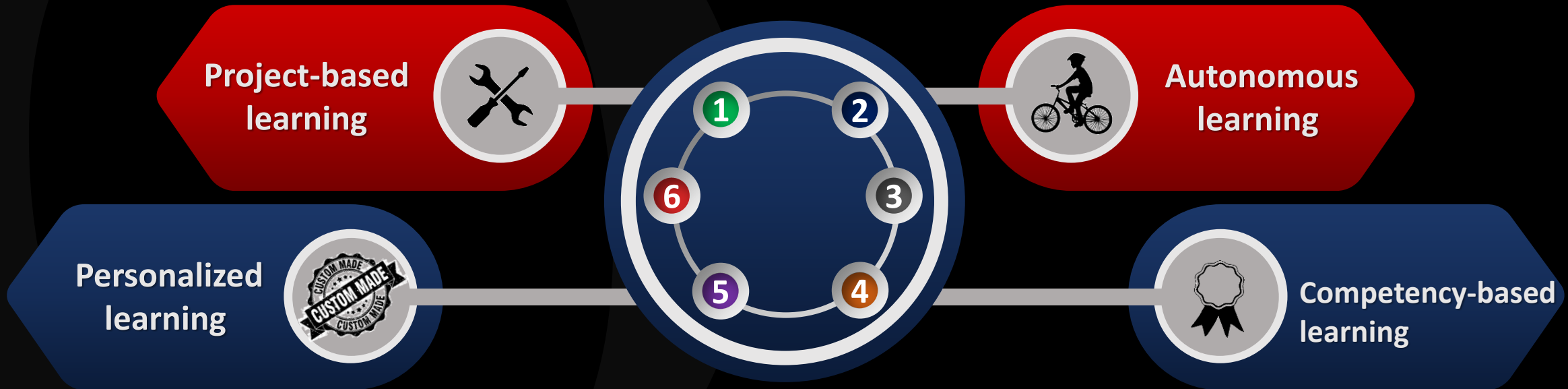
Metacognition



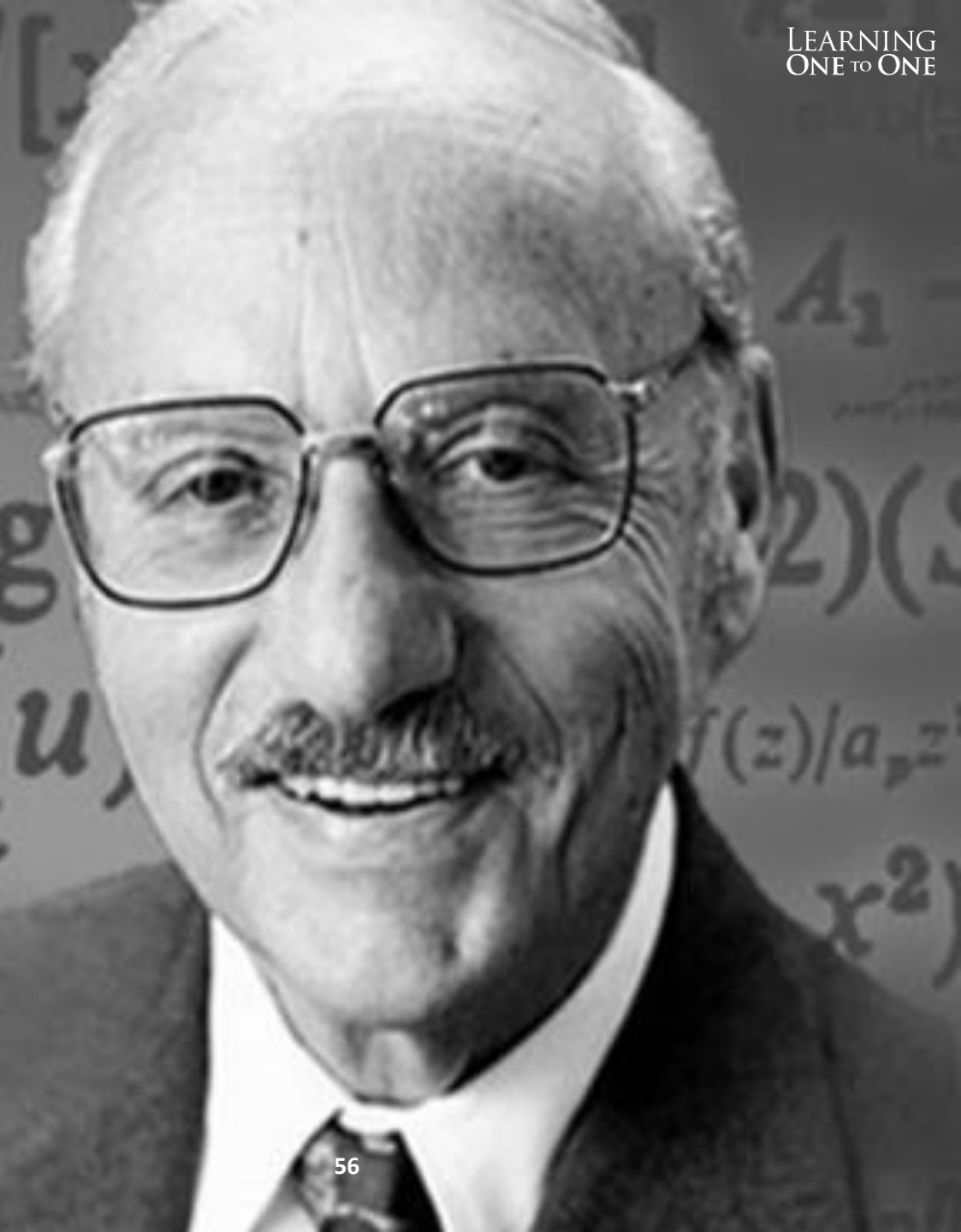
Ask questions

		Levels of autonomy			
		Guided	Advised	Oriented	Autonomous
Six-Step Relational Learning Framework	1. Plan and set goals	✓			
	2. Explore	✓	✓		
	3. Research	✓		✓	
	4. Practice	✓	✓		
	5. Relate	✓			
	6. Self-assess	✓	✓	✓	✓





George Dantzig (1914 – 2005)



**What if there was
no impossible?**

**Today you learned
to make it possible.**

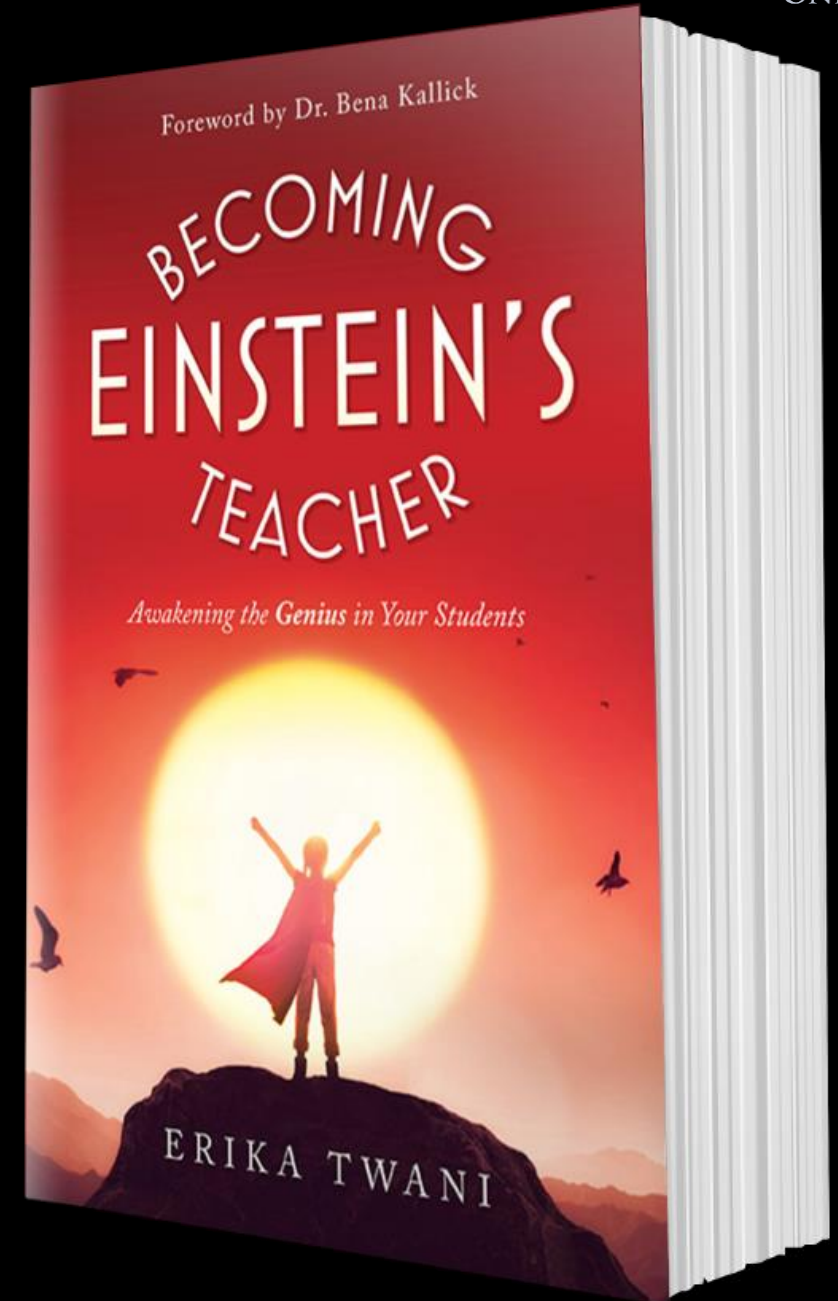


Download resources here:

www.Learning1to1.net/aurora

www.BecomingEinsteinsTeacher.com

www.ErikaTwani.com



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