



Engaging GT Students in Learning:

Using knowledge of human development to shape practical school applications

May 3rd, 2023
1230pm CT

Lin Lim, Ph.D.

Bridges Graduation School of Cognitive Diversity in Education

Dean of Students

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[Zenliving.com](https://www.zenliving.com)





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Lifespan Health



For Peacock Mantis Shrimp, who lived in the water, running, climbing, swimming, and flying were all the same.



<https://youtu.be/Uv6LFQWntrc>



ABOUT



Parent

Business Management and Investment

Grad. Cert. Twice Exceptionality



Who

Interdisciplinary translational neuroscience, holistic human development across the lifespan of complex outliers.

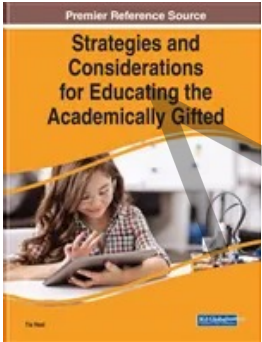


Economics, B.A.

Higher Education Dean



Grad. Cert. Mind, Brain & Teaching



Translational Scientist

volunteer

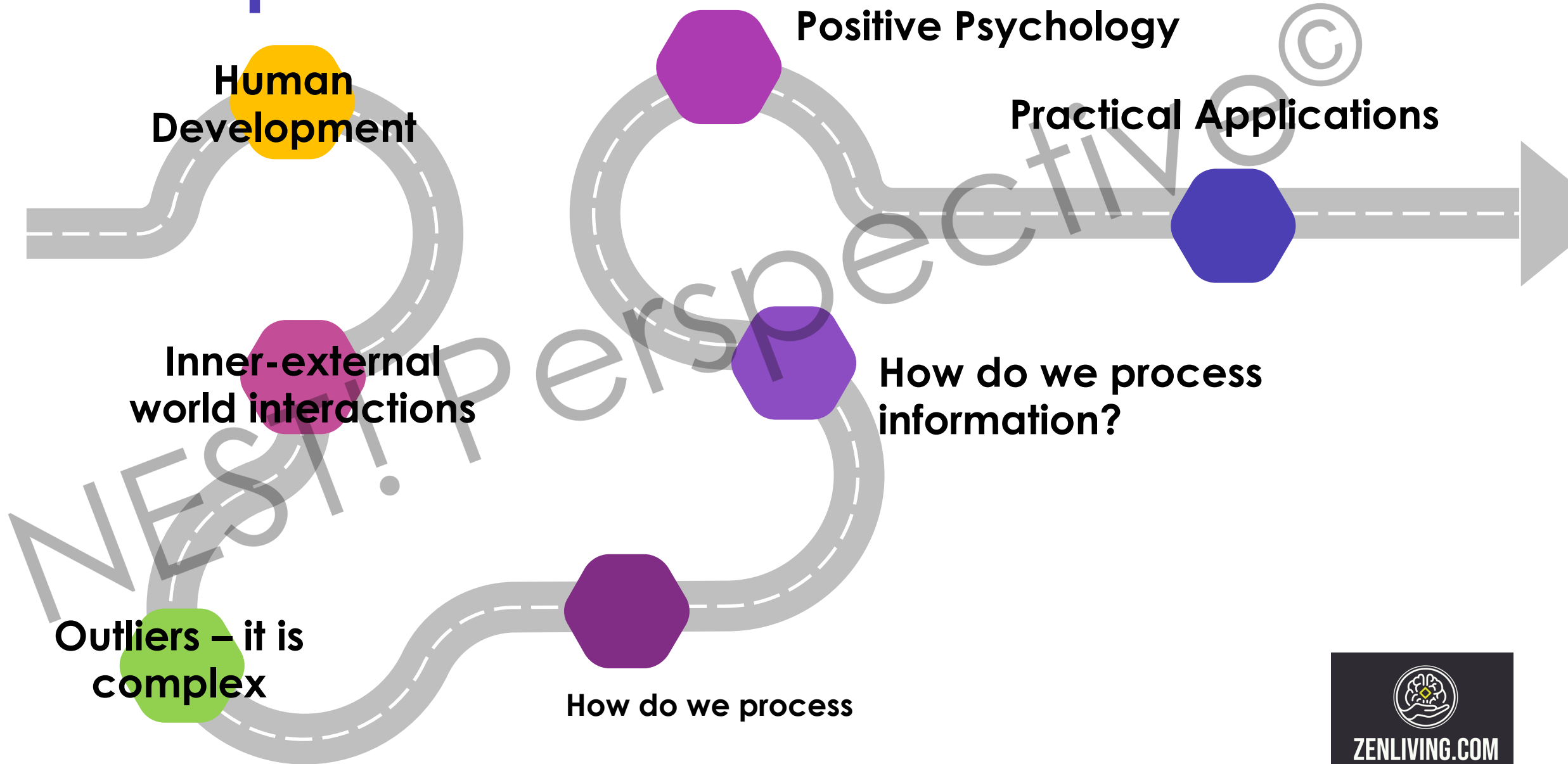


Psychology Ph.D.



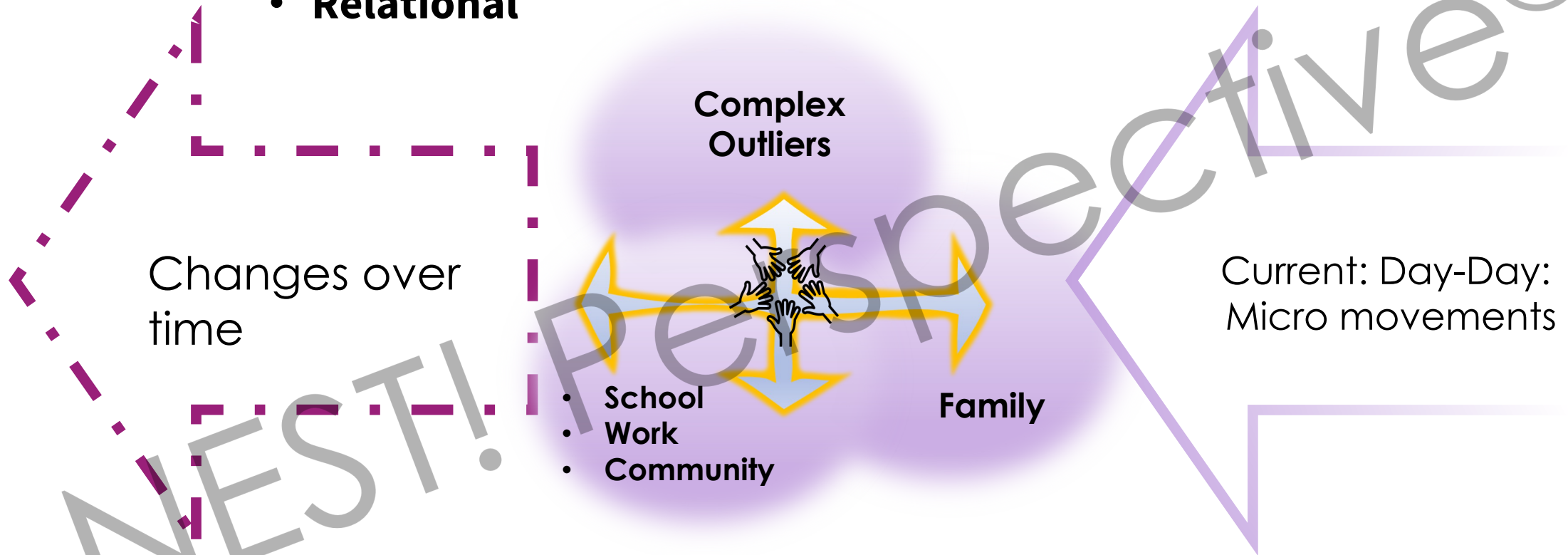
<https://www.stacktoprbe.com/it-changes-in-the-workplace-that-effect-how-you-do-business/multi-plate-hat>
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Roadmap



Human Development

- **Changes over time**
- **Non-Linear – multi-pathways**
- **Systems – emergence, probabilistic, interconnectedness**
- **Relational**



13-87 Rule

4IR

Skills for Workplace Success



21C

Creativity



Technology Skills

21C

Critical Thinking

SE

Emotional Intelligence

Organizational Learning/ Collaboration

21C

SE

SE

21C

Interpersonal Skills

Leadership Skills

SE

SE

Diversity Intelligence

Embrace Change

SE

Data Literacy

“ 5 years from now, 35% skills considered important in today's workforce will have changed” (WEF, 2016)



What is Giftedness?

Intelligence



Processing Ability

Cognitive/Intellectual

Emotional

Social

Physical

≠

Inner States & Experiences



Greater, deeper
Reactivity &
Intensity

Natural State &
Tendency
Out-of-Sync
Feel alone

≠

Gifted Performance



Output Based

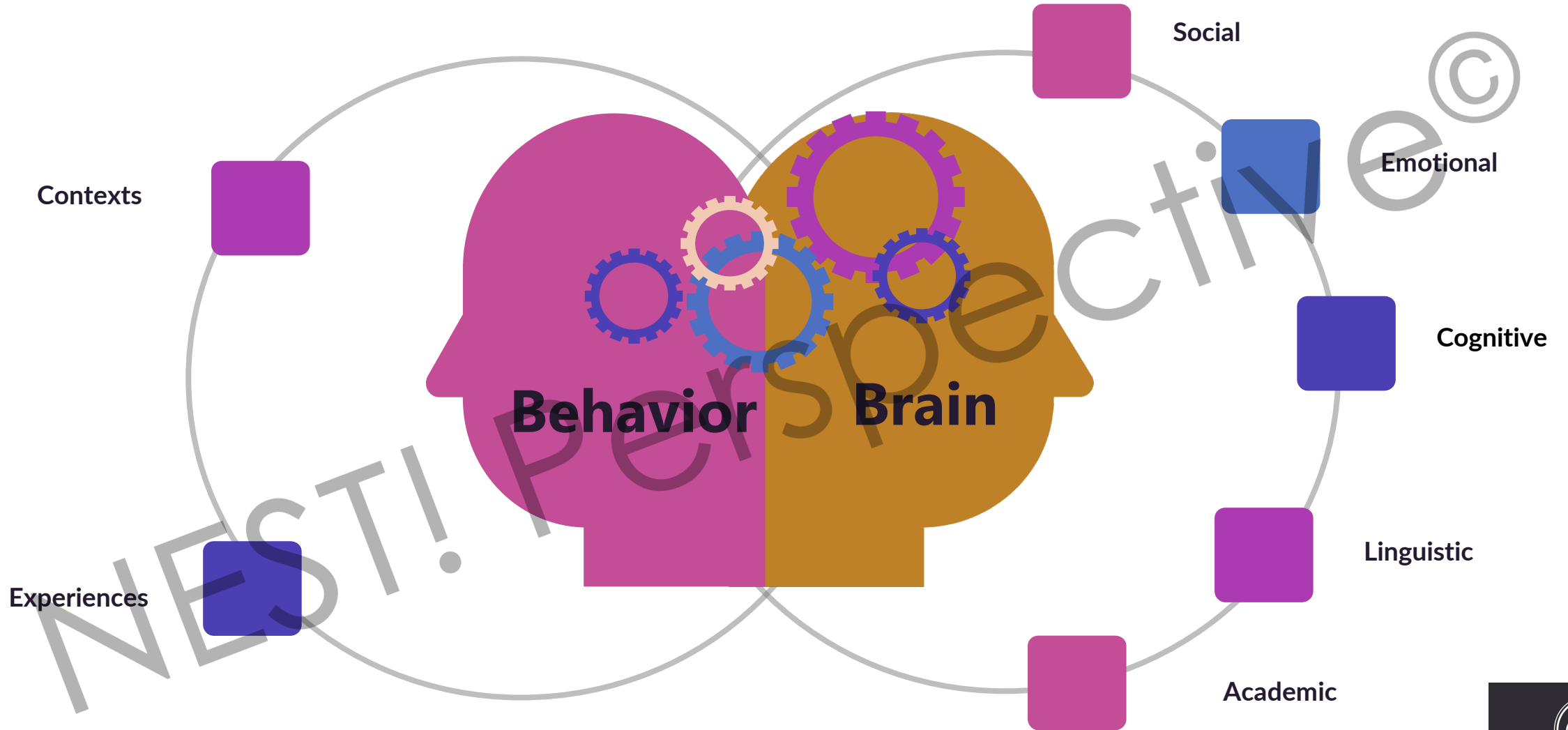
Behaviors
Achievement
Eminence
Production
Content



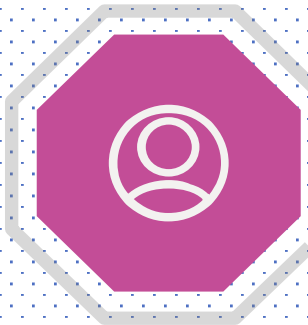


<https://youtu.be/Xll3wNaxrP0>

Our inner and outer world



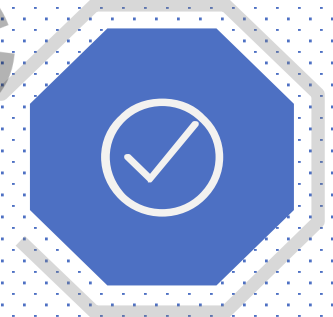
Who?



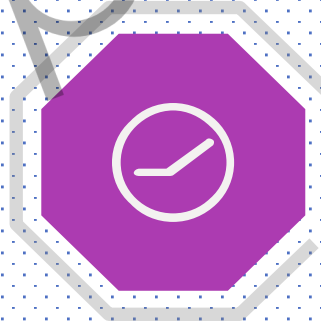
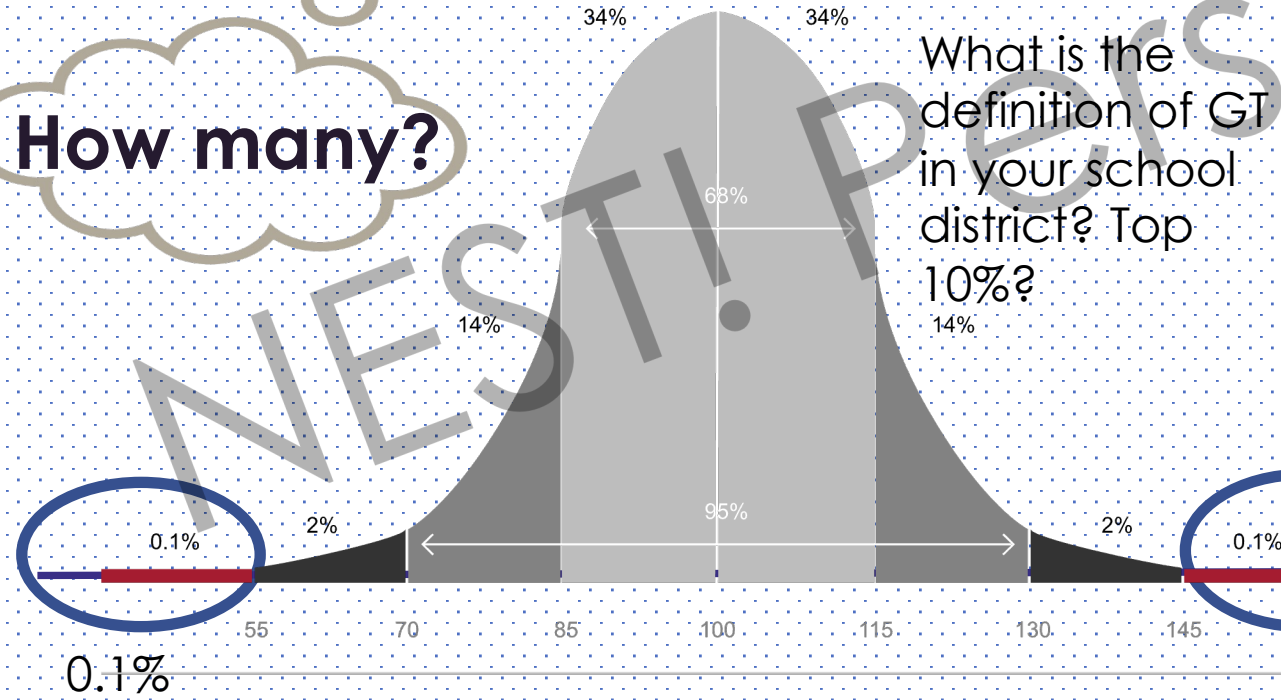
Profoundly Gifted (PG)

Complex Outliers

Twice-exceptional (2e)



How many?



PG2e

PG/ PG2e +
marginalized group

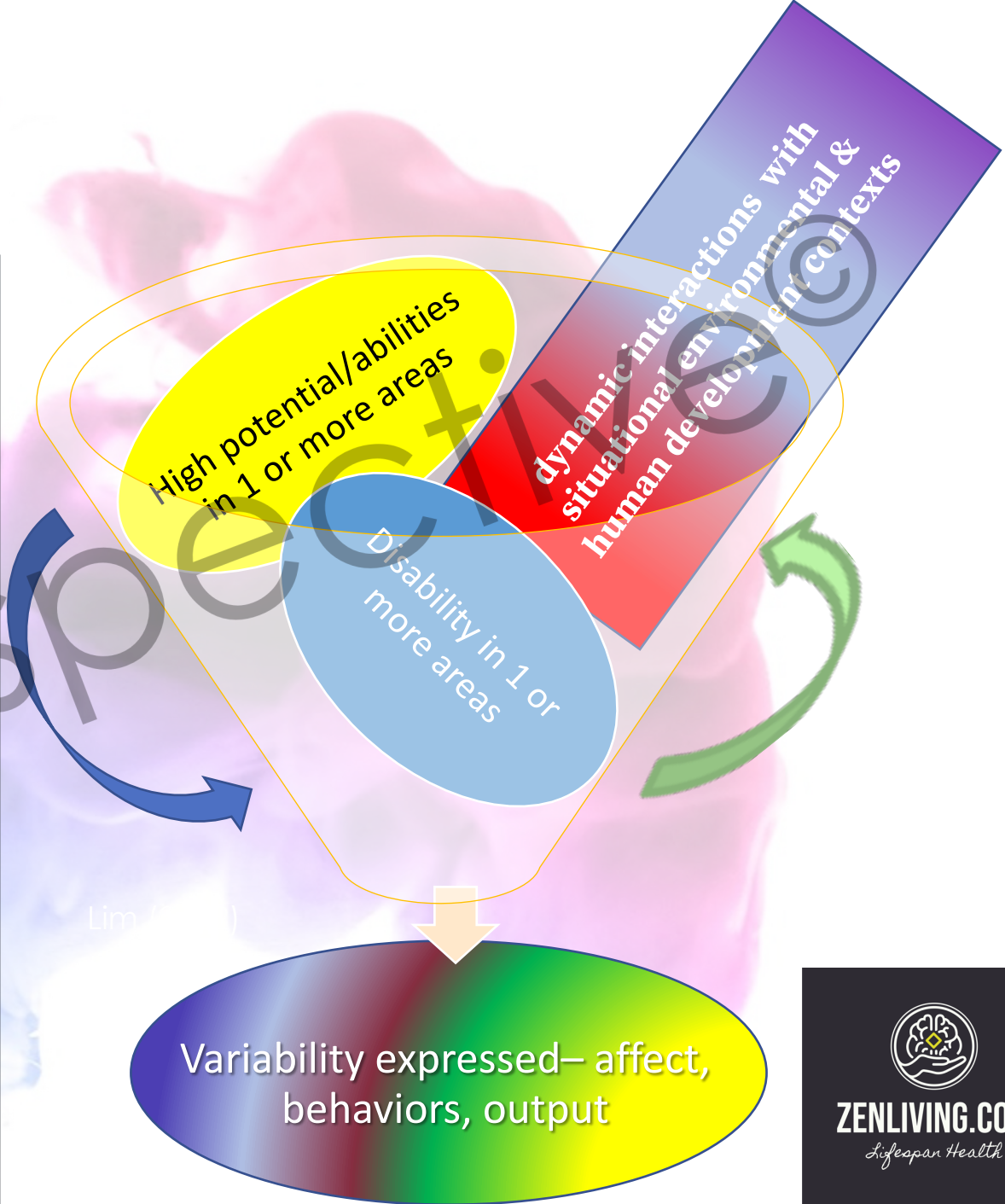


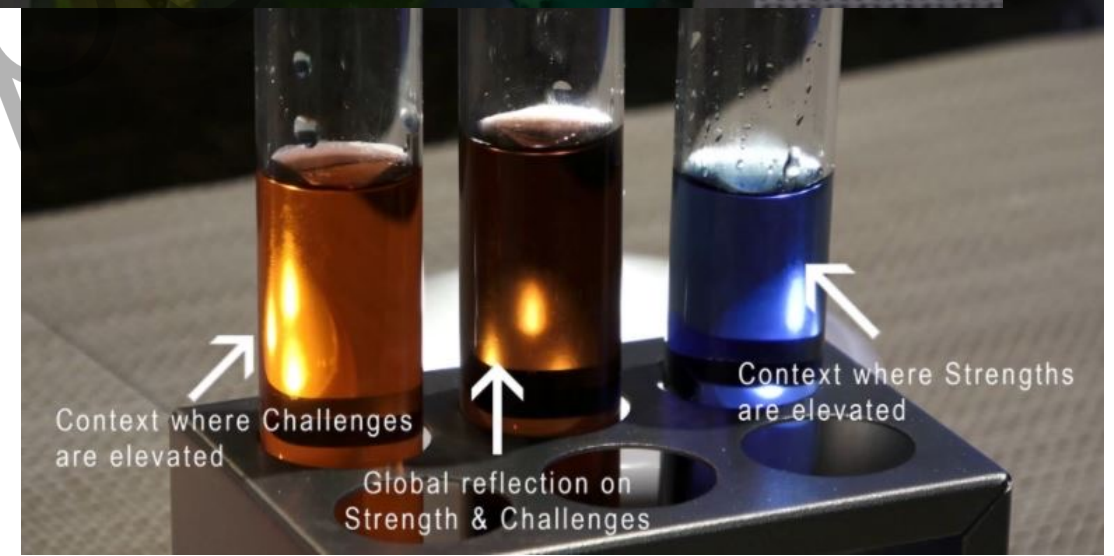
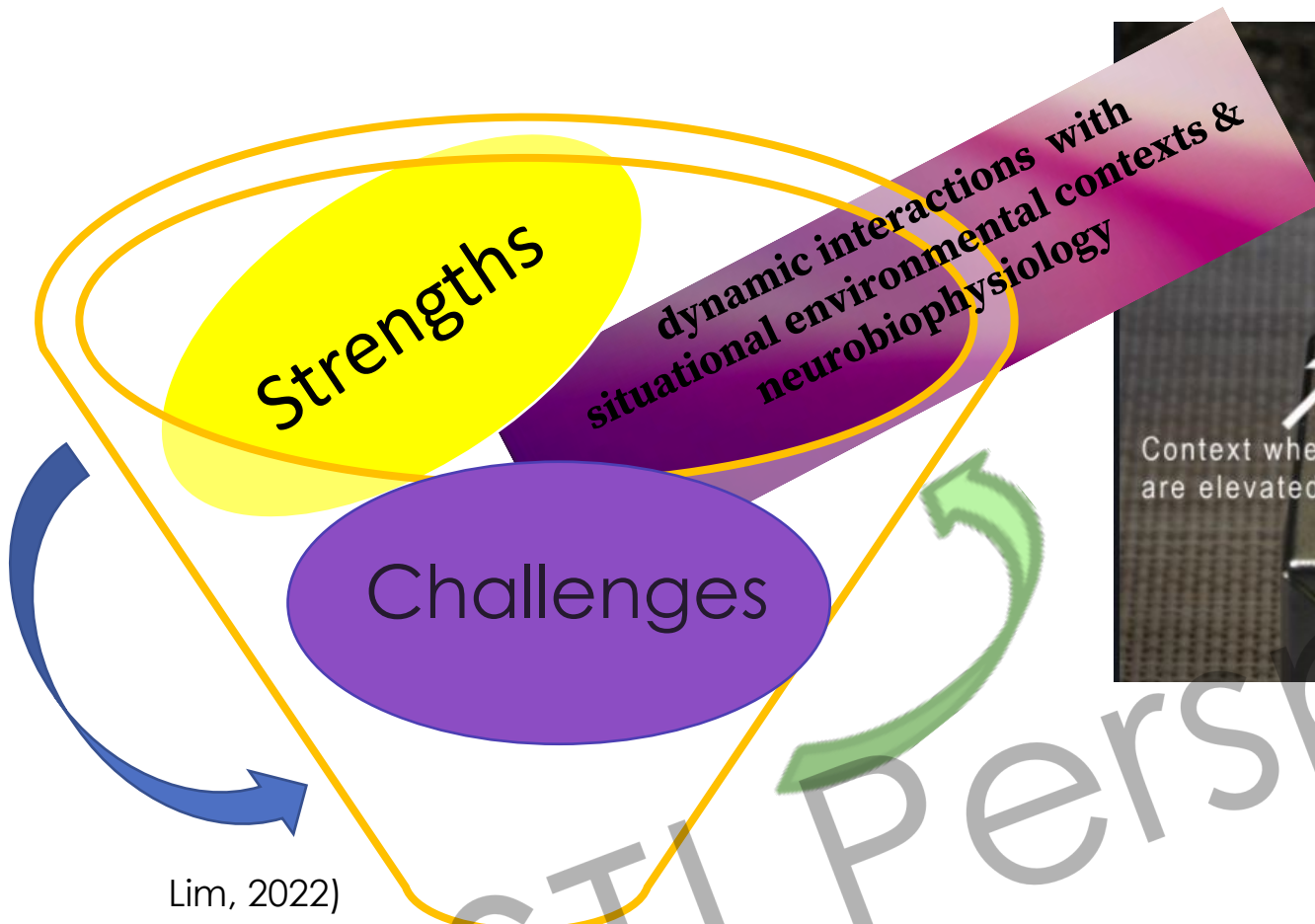
Human Variabilities in neuropsychophysiological abilities and dispositions are within all of us, for complex outliers, the range is more discrepant



Water, Ice & Steam are they the same and/or different?

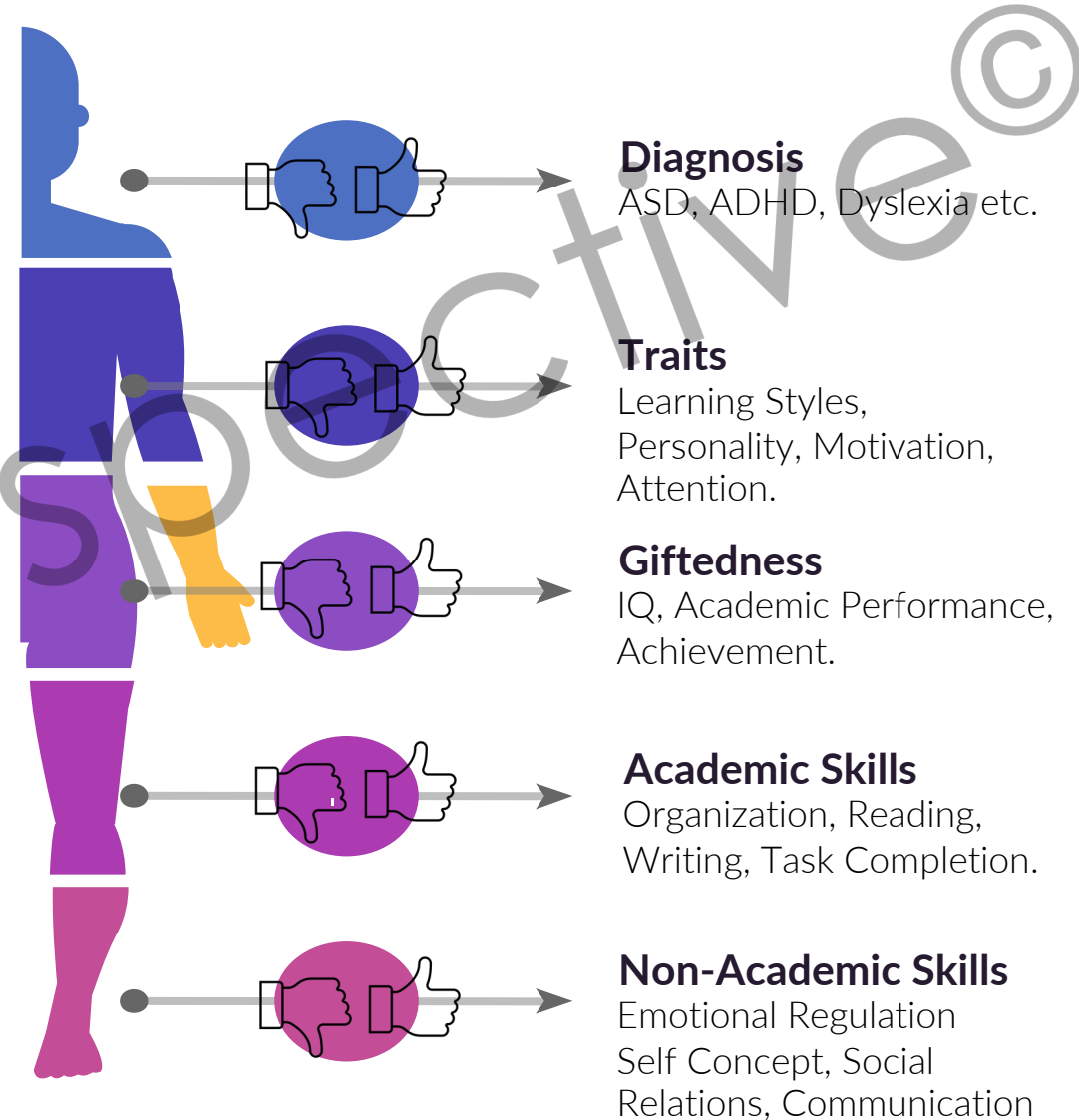
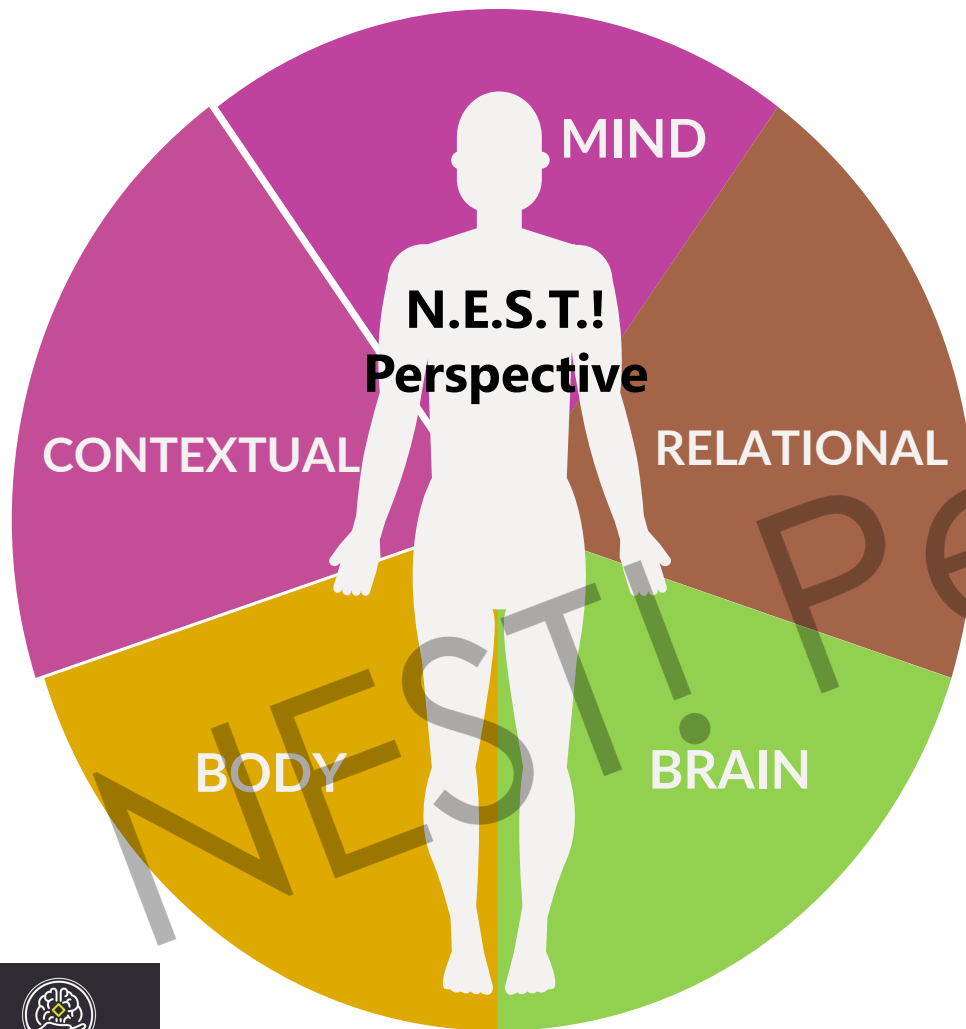
Sandsun/Getty Images



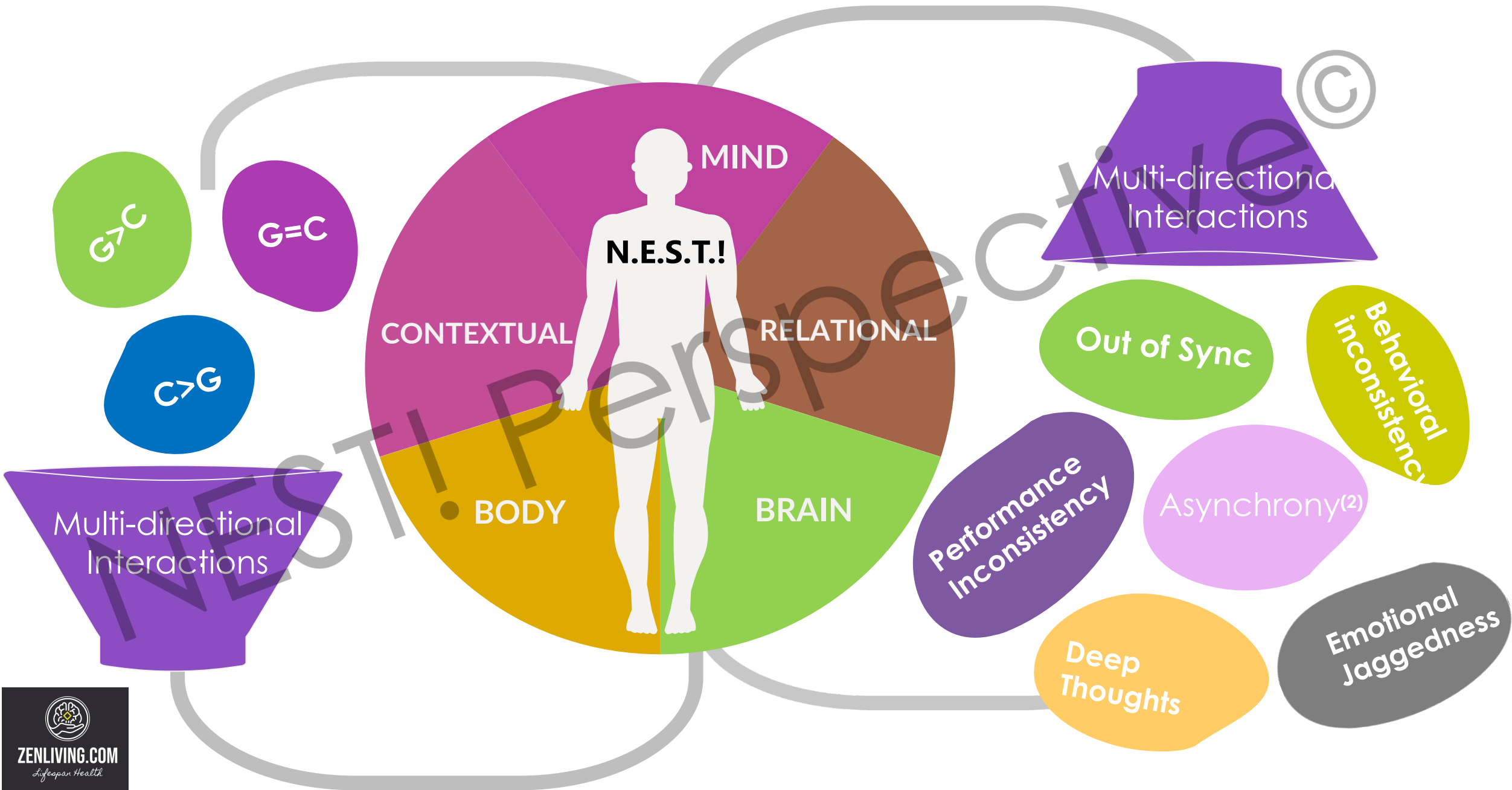


Achievement \leq Ability/ Potential

CONTEXT – influences Strengths & Challenges



Educational, Affective & Behavioral Profile





Intelligence

Processing Ability

Cognitive/Intellectual
Emotional
Social
Physical

Giftedness

Inner States & experiences

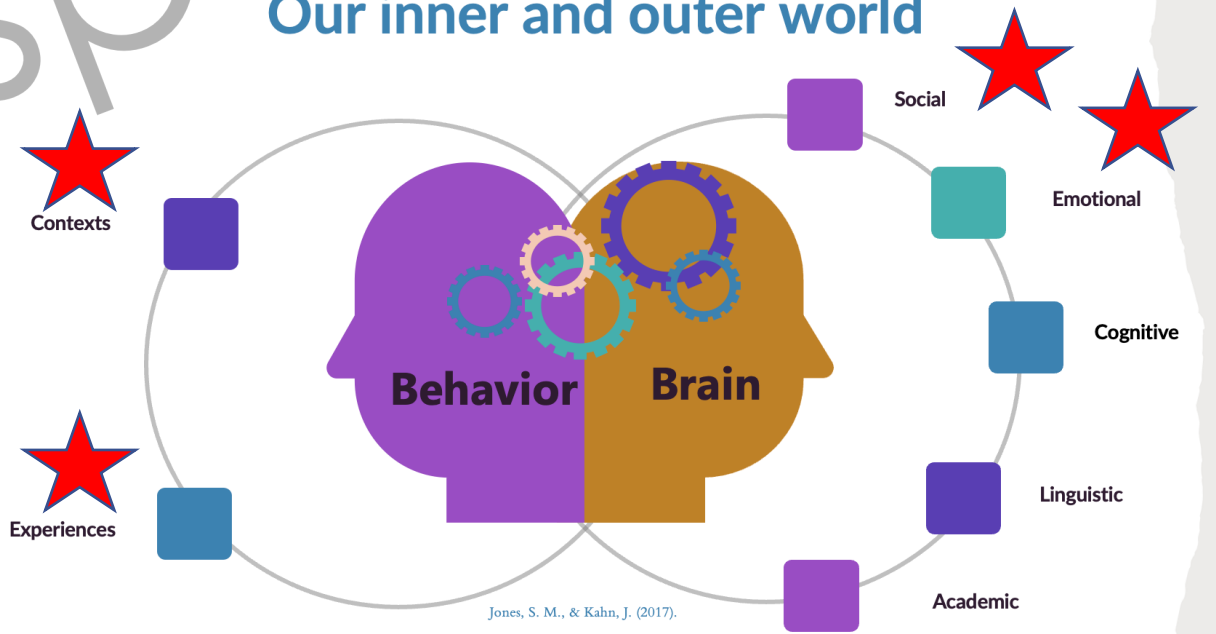
<https://www.livkedu.com/pulse/ice-water-steam-what-powers-engine-your-team-act-tuon-fry/>

Gifted Performance

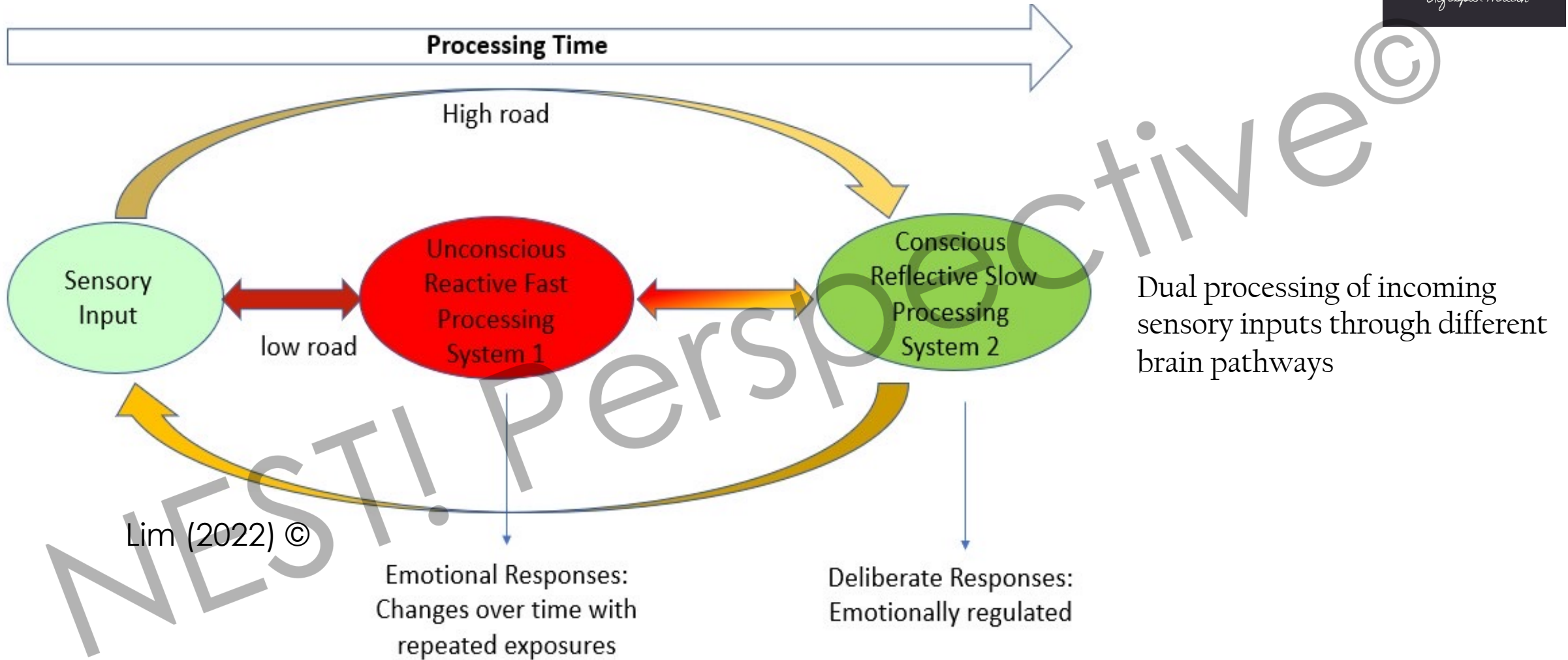
Output Based

- Behaviors
- Achievement
- Eminence
- Production
- Content

Our inner and outer world



Brain, Reasoning, Emotions

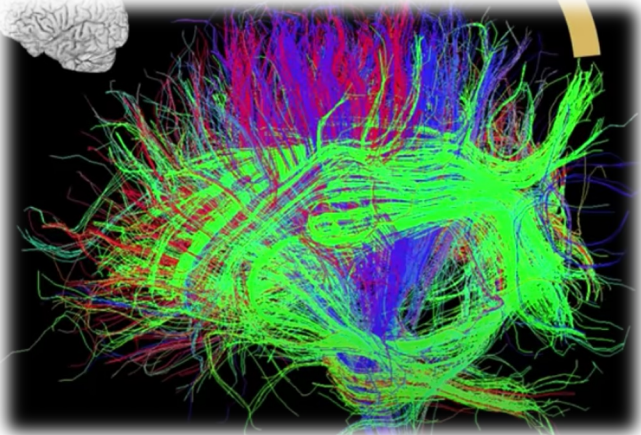


Neuroscience, Psychology, Developmental



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Lifespan Health



Brain Networks are Highly interconnected Connections are bi-directional: top-down, bottom-up

- **The Executive Control Network/ Central Executive Network typically matures in the mid 20s on average**
- **Actions of the unconscious mind precedes conscious reflections**

Inferior frontal cortex
(motor planning;
involved in emotional
responding, language
and executive function)

Visual cortex
(seeing)

Primary motor cortex
(moving the body)

Primary sensory cortex
(feeling the body)

Parietal association cortex
(sensory integration
areas involved in spatial
processing and math,
social perspective-taking,
conceptual understanding)

Prefrontal cortex
(association areas
involved in planning,
decision-making,
emotion regulation,
abstract thinking)

AGE

5

20

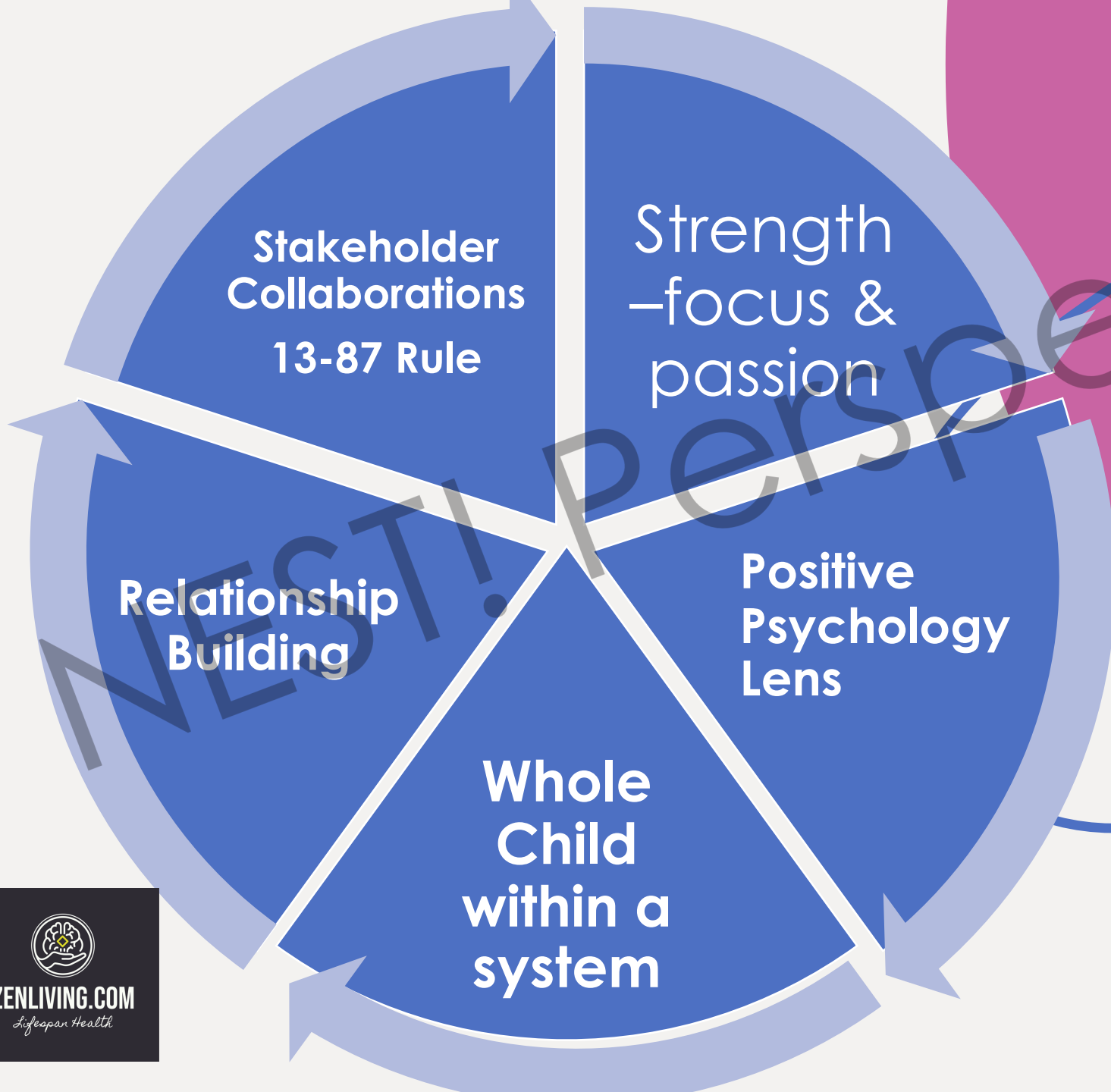


We (kids) do well if we can – Ross Greene



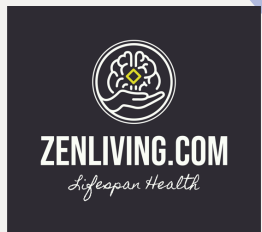
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Lifespan Health

SOCIAL EMOTIONAL HEALTH



Integrating social and emotional development with academic learning returns

\$11 for every \$1 invested.¹⁰



Positive Psychology Lens



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Lifespan Health

“Human goodness & excellence are as authentic as disease, disorder and distress”

(Peterson, 2006, p.11)

What is it?

- + subjective experiences
- + individual traits
- + institutions
- Refocus of subject matter

ZERO

Traditional approaches what is wrong or below average, and how to bring to "zero", baseline or average.

What it is not

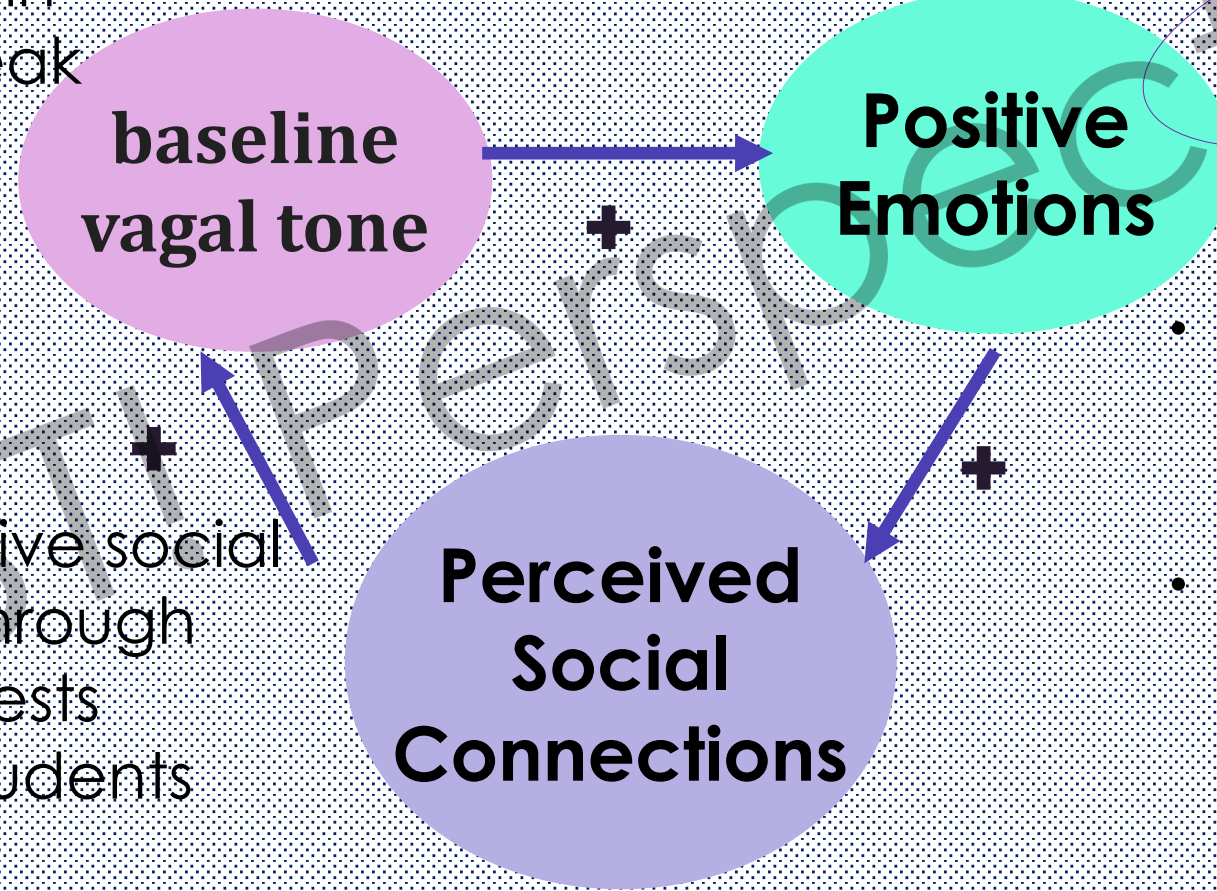
- Does not replace approaches to get from a negative to zero

Power Up!

Positive Psychology Applications



- Awareness of our Mind-Body-Brain
- Movement Break
- Sleep

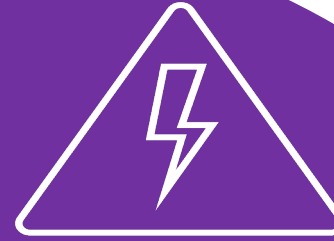


- Increase positive social connections through common interests
- Highlight GT students **doing** good

- Positive Reframing/Meaning out of negative events
- Highlight positive events to amplify joy through **Active Constructive Responses**

- Deflates Good News
- Focus on negative
- “ I cant believe it, what are you thinking?”

Active Destructive



Active Constructive

- Authentic Support, Amplifies the positive experience
- “ That is wonderful! How do you feel about it? Tell me more!”

Positive Events

Passive Destructive

Passive Constructive

- Ignores Event
- Steals conversation
- “Oh, I’m hungry lets go grab some food”

- Understood support.
- “That’s Nice”



Practical Educator & Parenting Strategies

Emotional State

Reactive or reflective responses

Reframe to gain

Aim for the Smallest tweak

Preceding event impacts

Amplify positive emotions

Collaborative Relationships through strengths



SENGinar:
Supporting the Well-Being of Young Advanced Learners and Their Families

Presented by Nancy Hertzog, Emma Cho, and Pauline Dotti
May 9, 2023
7:30PM EST - ONLINE



SENGinar: Supporting the Well-Being of Young...

Tue, May 09 | Online Webinar

SENGChat-
Tales of Giftedness: Stories We've Never Shared

Presented by Stephanie Tolan
May 23, 2023
7:30PM EST - ONLINE



SENGChat - Tales of Giftedness: Stories We'...

Tue, May 23 | Online Discussion

SENG & Gifted Development Center Professional Development Course:
New Ways to Identify Twice-Exceptional Learners on the WISC-V

Presented by Linda Silverman, Ph.D.
Thursday, May 25th, 2023
3:00PM - 5:00PM EST - ONLINE

*American Psychological Association Continuing Education Units (CEUs) Available

SENG & GDC Professional Development Course:...

Thu, May 25 | Online Professional D...

2023 SENG Annual Conference

**Authentic Voices:
Community & Belonging**
July 21-23, 2023
Villanova, Pennsylvania

featuring Keynote Speakers
**Dr. Scott Barry Kaufman and
Dr. Richard Cash**

Hosted by
Villanova University

DOWNLOAD EVENT PROGRAM



Oct 14th 2023, Oct 21st 2023
SENG Regional Conference North Texas (6hr TX CEU), Illinois

<https://www.sengifted.org/calendar>

<https://www.sengifted.org/sengconference2023>

REGISTRATION IS NOW OPEN!

SENG Conference 2023
Authentic Voices: Community & Belonging
In Person July 21-23
and virtual recordings available following the event

Keynotes -
Dr. Scott Barry Kaufman
Dr. Richard Cash

Also -
• Signature Panels
• Breakfast Sessions
• Young Adult Camp
• Children's Mindfulness Camp

Hosted by
VILLANOVA UNIVERSITY
Just outside historic Philadelphia

www.sengifted.org/sengconference2023

VIRTUAL ATTENDEES

YOUR REGISTRATION INCLUDES:

- Event app access through October 23, 2023
- Access to 50+ recordings of keynote speakers, panel discussions & breakout sessions
- Access to any conference specials from our vendors

REGISTER HERE

IN PERSON ATTENDEES

YOUR REGISTRATION INCLUDES:

- Attend sessions live & in-person
- Any provided meals & snacks (see schedule below for details)
- Swag bag
- Event app access through October 23, 2023 to re-watch your favorite session or watch a session you may have missed
- Access to any conference specials from our vendors

REGISTER HERE

SENG Panel Discussion:
Lifespan Mental Health Intersections with Psychology, Education, Technology, and Parenting

Thursday, May 25th, 2023
6:00PM PT / 9:00PM ET
May 26th, 9:00AM Singapore Time

Moderated by SENG President, Lisa Lim
Panelists:
Theodorick Chew, Founder, Intellect, Singapore
Dr. Elaine Kim, Co-founder, and CEO, TreHans, Singapore & USA
Andrea Finegan, M.S.Ed., Yale School of Nursing and Doctoral Student at Bridges Graduate School of Cognitive Diversity in Education, USA

SENG Panel Discussion: Lifespan Mental Health...

Thu, May 25 | Online Panel Discussi...

IAGC & SENG PRESEN
Innovative *Transformat*

REGIONAL PARENT CONFERENCE

Engaging Parents of Gifted, Talented, & Creative Children

Saturday October 21, 2023

College of DuPage
8:30 am - 3:30 pm

iagcgifted.org sengifted.org

IAGC & SENG Regional Parent Conference

Sat, Oct 21 | Glen Ellyn

SENG Journal
Exploring the Psychology of Giftedness

SENG
Volume 2
Issue 1
March 2023
Editor: Tracy L. Cross

Lin Lim, Ph.D.



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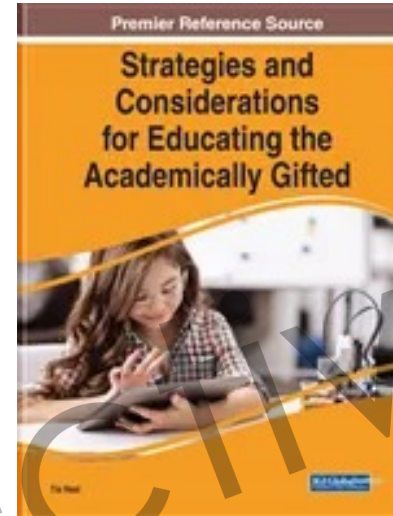
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Graduateschool.bridges.edu
Sengifted.org



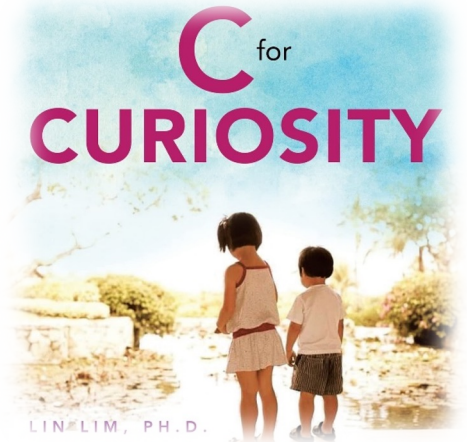
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<https://amzn.to/3NCx7JF>





<https://you.stonybrook.edu/egblog/2018/04/15/discussion-questions-promoting-active-learning-and-building-community/>

Discussion & Questions