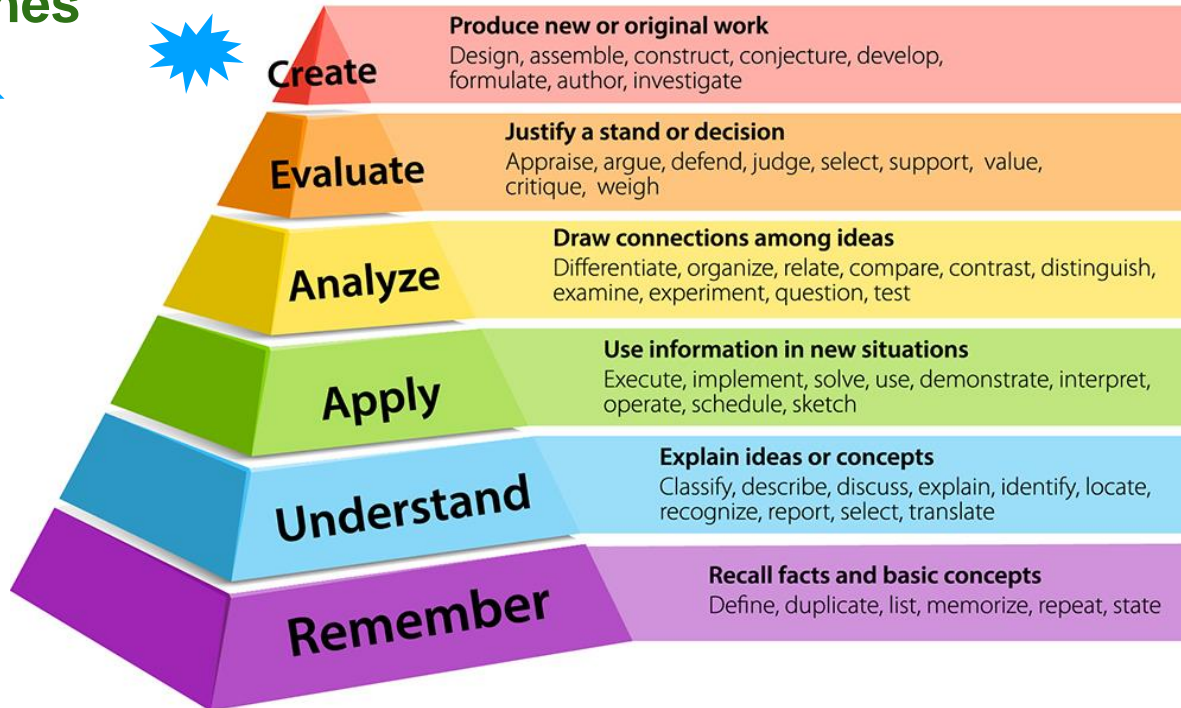


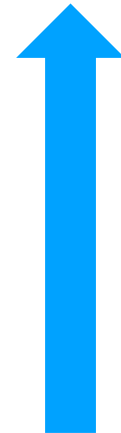
Capstones are to Project Based Learning (PBL) as Final Exams are to Traditional Core Subjects

Bloom's Taxonomy

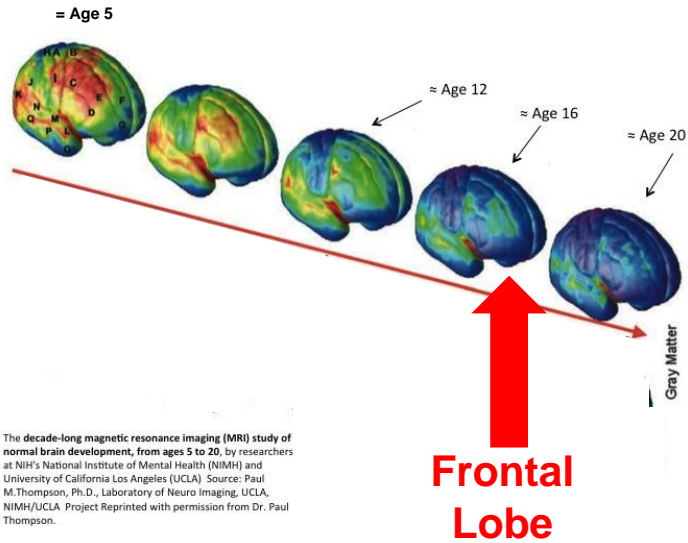
Capstones



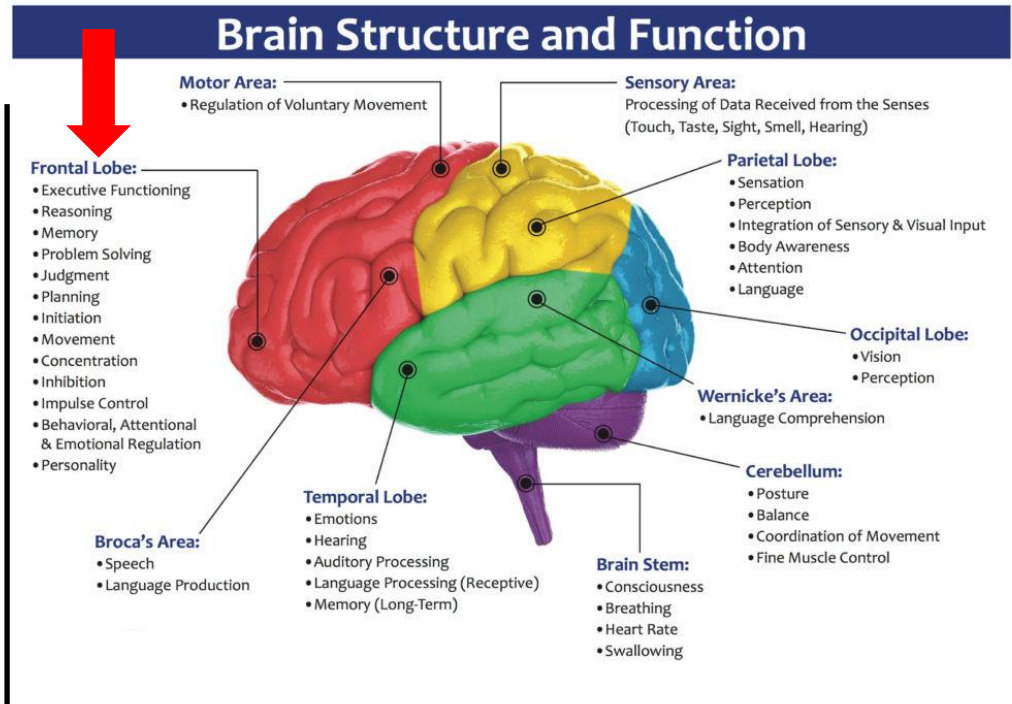
Final Exams



Neuroscience & Adolescent Development (aka...Why capstones strengthen critical lifelong “muscles”)



The decade-long magnetic resonance imaging (MRI) study of normal brain development, from ages 5 to 20, by researchers at NIH's National Institute of Mental Health (NIMH) and University of California Los Angeles (UCLA). Source: Paul M. Thompson, Ph.D., Laboratory of Neuro Imaging, UCLA, NIMH/UCLA Project Reprinted with permission from Dr. Paul Thompson.



The Adolescent Brain

- Brain reaches largest size 14yrs+/-
- Creases in brain become more complex
- Brain cells “bloom” in frontal lobe
- Increase in myelination (speed of electrical impulses increase)
- Synaptic pruning (elimination of extra synapses; increases brain functioning)



CAPSTONE OVERVIEW

Youth Entrepreneurs engages student minds through creative scaffolding of hands-on activities, which also lend well to project-based learning. We encourage every educator who is implementing YE's 4 Core Pillars to begin their school year thinking backward by considering which capstone project they would like their students to work toward.

Capstone projects are more than a culmination of concepts learned in a course but an opportunity for students to demonstrate a contribution mindset through an authentic learning experience where students are encouraged to apply their learning in a meaningful way. Youth Entrepreneurs leverages [PBL Works' Gold Standard PBL Seven Essential Project Design Elements](#). A key component to a capstone project is for students to present their knowledge to an external facing stakeholder - other classes/students, principal or other educators, other schools, community, etc. This correlates to the seventh design element of Gold Standard PBL - public product.

YE provides support and guidance for four different Capstone Project options but encourages every educator to customize an option that works best for their students' transformation.

Options include:

- > [Prospective Business](#)
- > [Market Day](#)
- > [Vacant Lot PBL](#)
- > Hackathon

[Click here to access Capstone Overview](#)