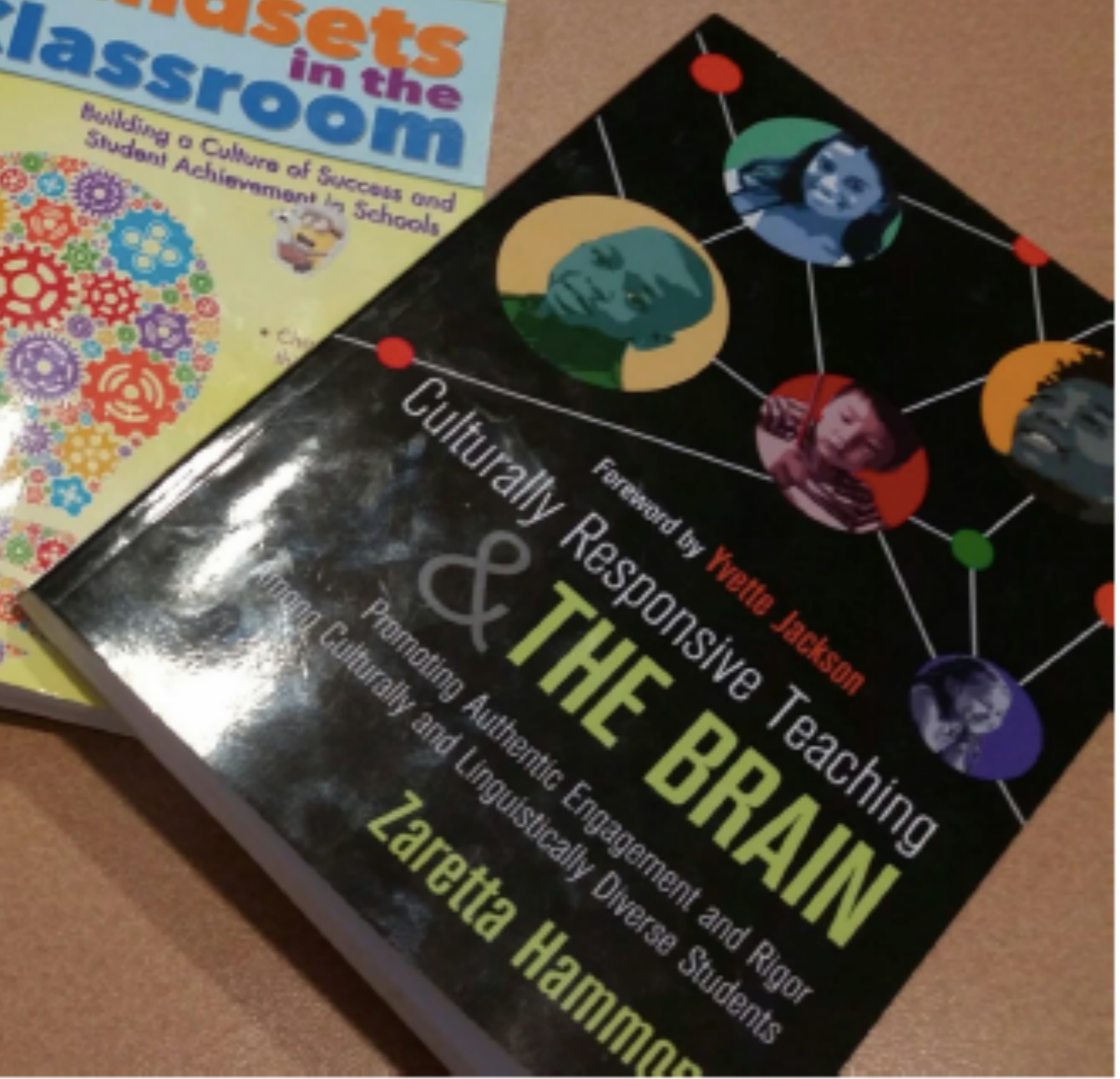
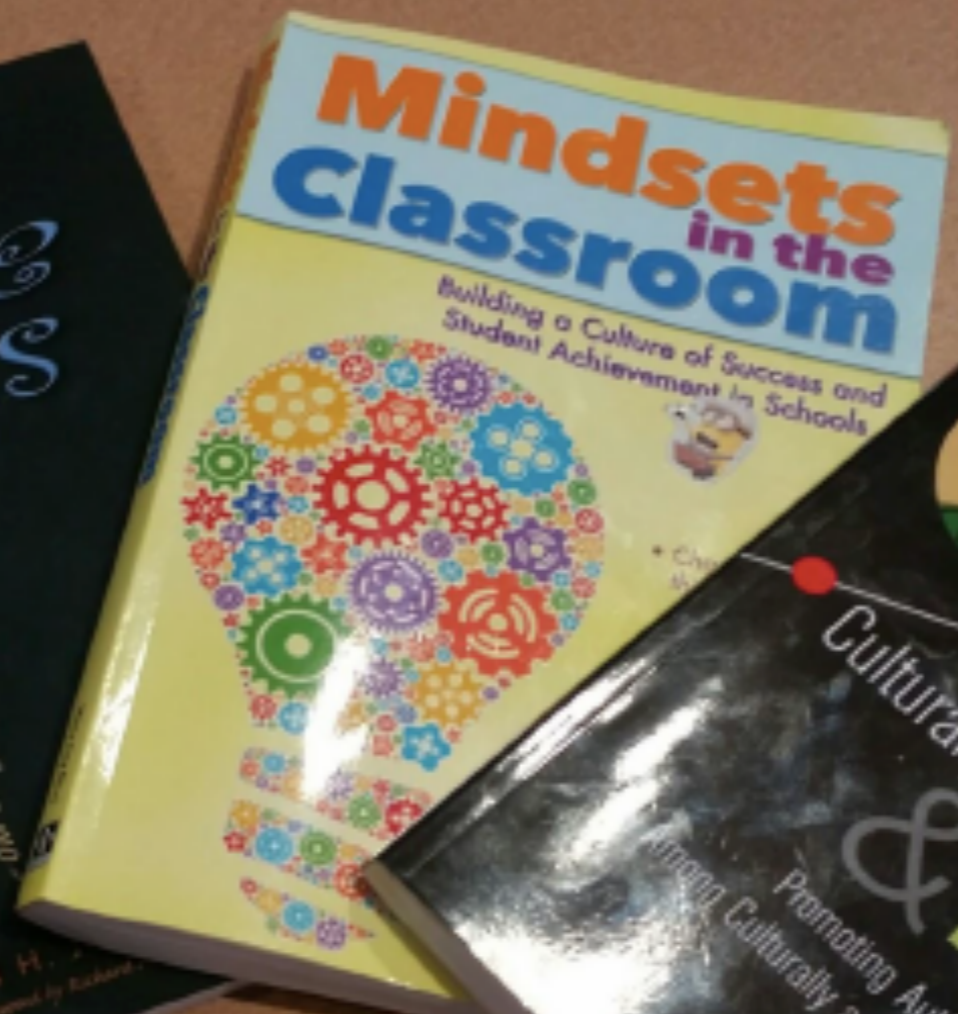
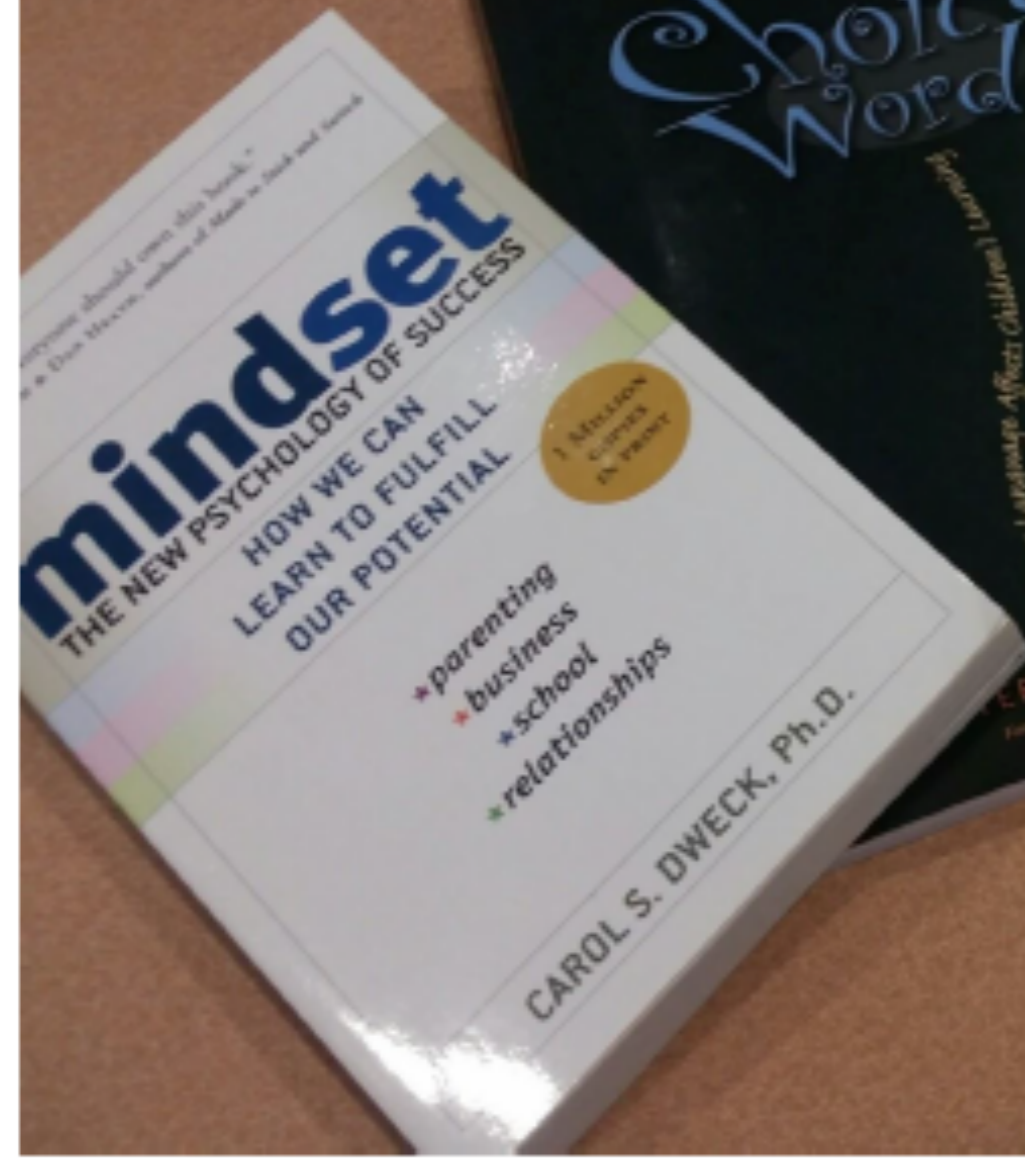


Growth Mindset



Understanding **neuroplasticity**:

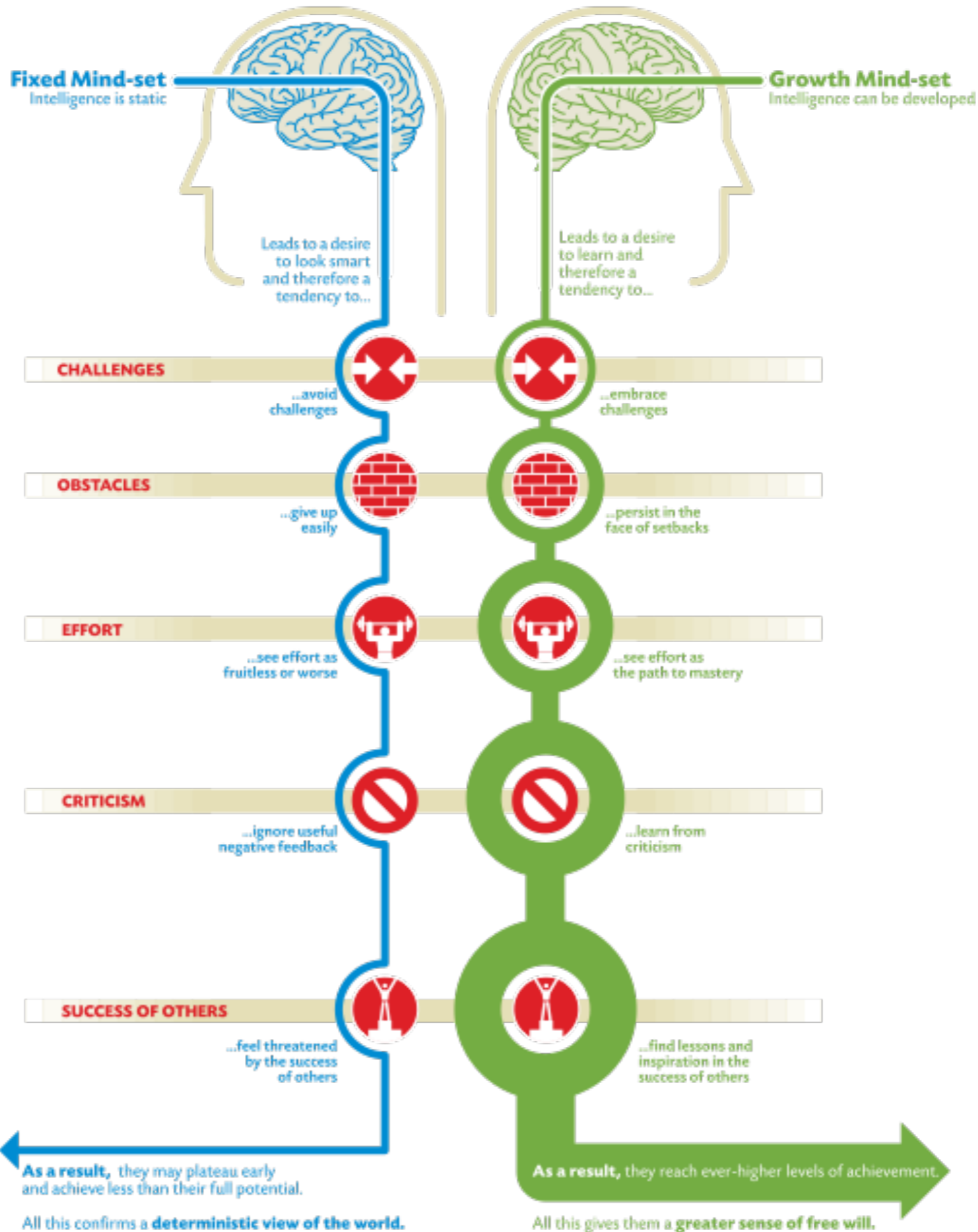
- ▶ the brain reorganizes itself “as needed”
- ▶ neurons / neural pathways
- ▶ **intelligence is NOT a fixed trait!**
- ▶ Moken v. Europeans
- ▶ London taxi drivers v. Bus drivers

Do
KNOW

Reflect

Growth Mindset

Failure is the most essential step to success





Leads to a desire
to look smart
and therefore a
tendency to...



Leads to a desire
to learn and
therefore a
tendency to...



...avoid
challenges



...give up
easily



...see effort as
fruitless or worse



...embrace
challenges



...persist in the
face of setbacks



...see effort as
the path to mastery



...ignore useful
negative feedback



...learn from
criticism



S

...feel threatened
by the success
of others



...find lessons and
inspiration in the
success of others



...feel threatened
by the success
of others

...find lessons and
inspiration in the
success of others

As a result, they may plateau early
and achieve less than their full potential.

As a result, they reach ever-higher levels of achievement.

All this confirms a **deterministic view of the world.**

All this gives them a **greater sense of free will.**



Growth Mindset is what
allows us to head unafraid into “the pit” of
the unknown, take risks, collaborate, and
get smarter.

**In this classroom,
we will always:**

**Practice
resiliency and
perseverance.**

**Welcome
everyone to
participate
in
challenging
tasks.**

**Praise effort,
perseverance,
and the
processes that
we use to
learn.**

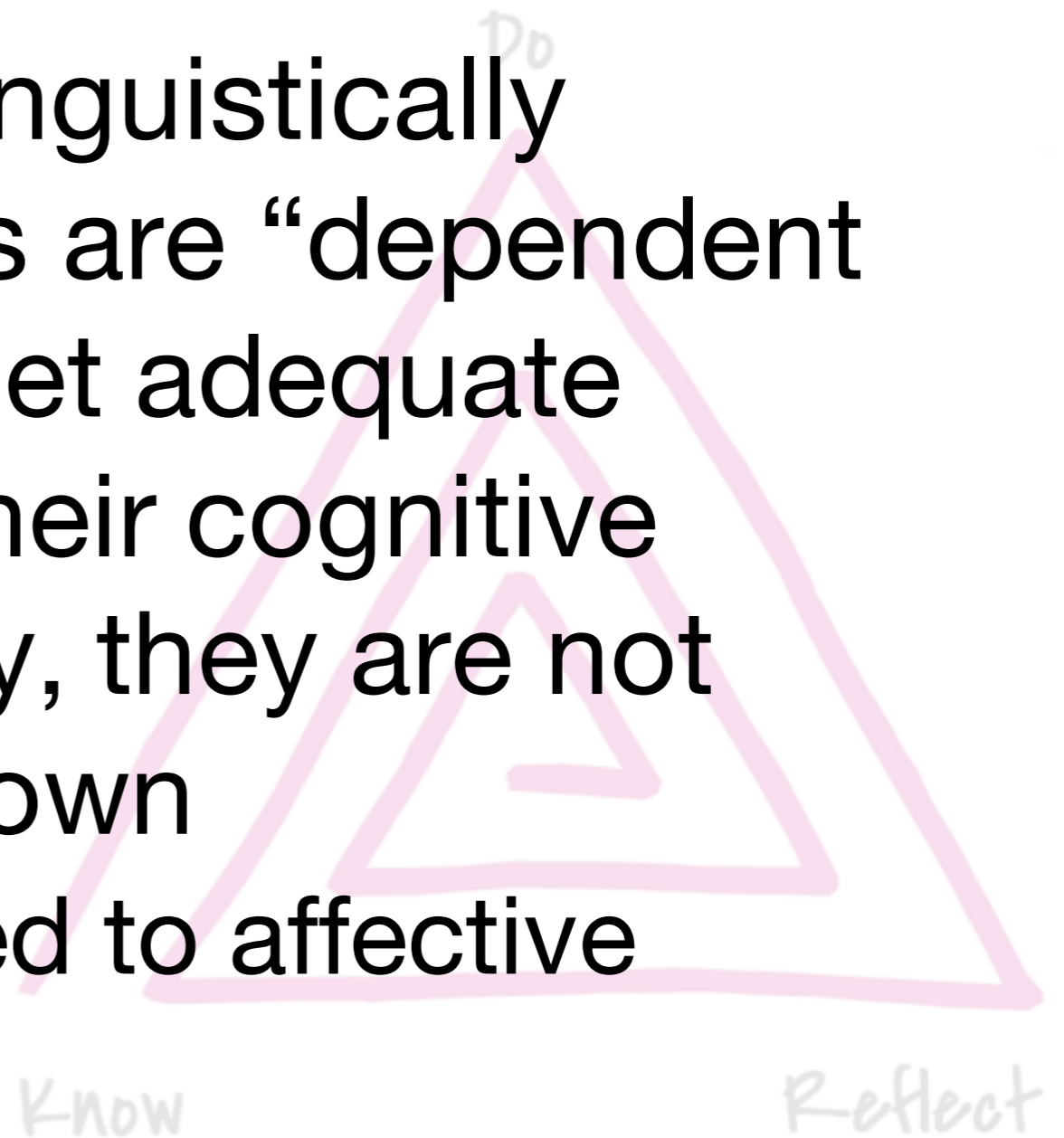
**Understand
that
“struggle”
is an
important
part of
learning.**

**Learn from
our errors and
failures.**

**Think about neurons
connecting when
we struggle or do
challenging work.**

Culturally Responsive Teaching & **the brain:**

Many culturally and linguistically marginalized students are “dependent learners” who don’t get adequate support to facilitate their cognitive growth. Consequently, they are not able to activate their own neuroplasticity. (related to affective filter)



Culturally Responsive Teaching & **the brain:**

Dependent Learners	Independent Learners
Relies on teacher to do all the cognitive work	Relies on teacher to do some of the cognitive work
Unsure of how to tackle any new task	Uses strategies & resources creatively to tackle a new task
Cannot complete a task without scaffolds	Regularly attempts new tasks without scaffolds
Will sit passively & wait if stuck, until teacher intervenes	Has cognitive strategies & confidence to get “unstuck”