



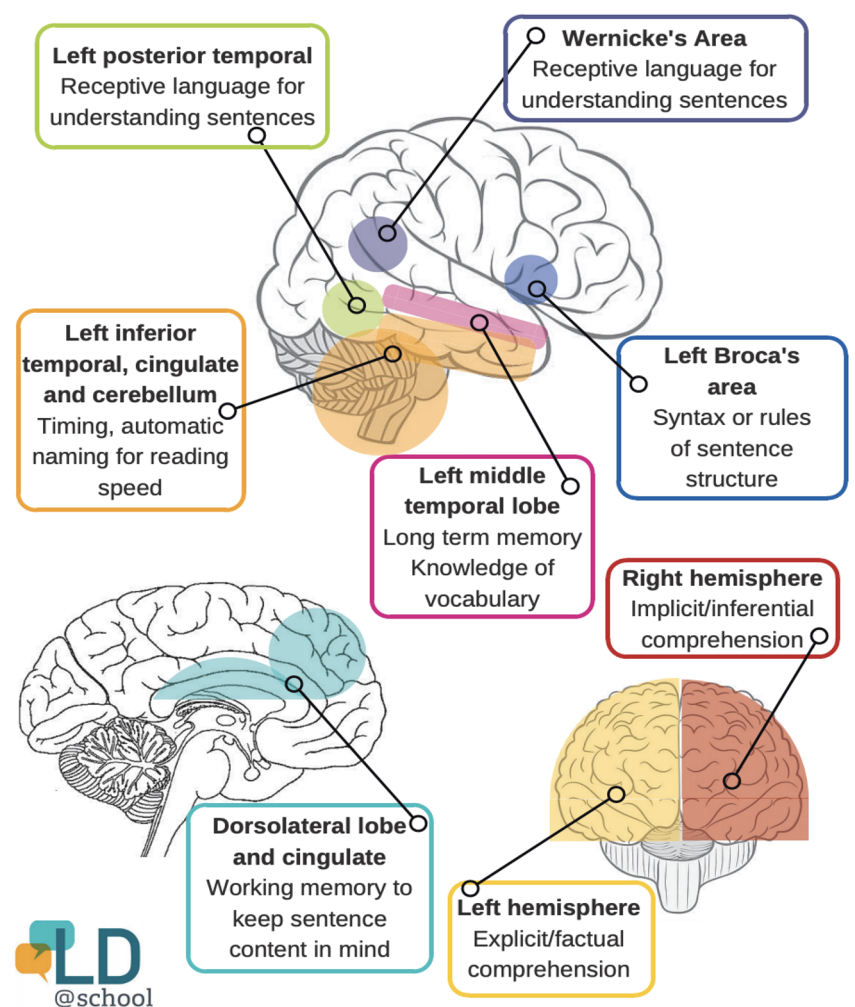
Educational Neuroscience Perspectives on Reading in Language Arts

*Svetha Mohan & Doug Lombardi
Department of Human Development & Quantitative
Methods
University of Maryland, College Park

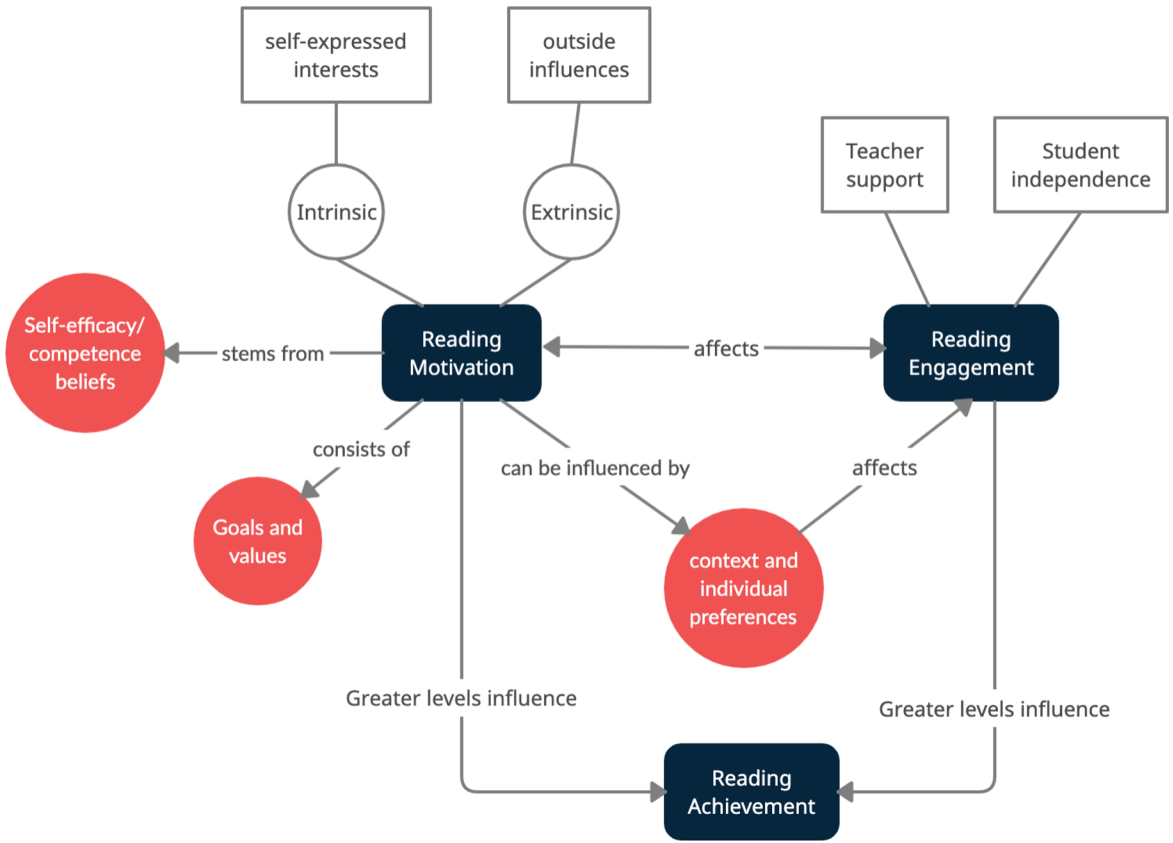


Reading Development

- National Reading Panel (NRP) 2000: 5 skills for literacy
- Semantic processing & orthographic conversion
- Reading difficulties and disabilities

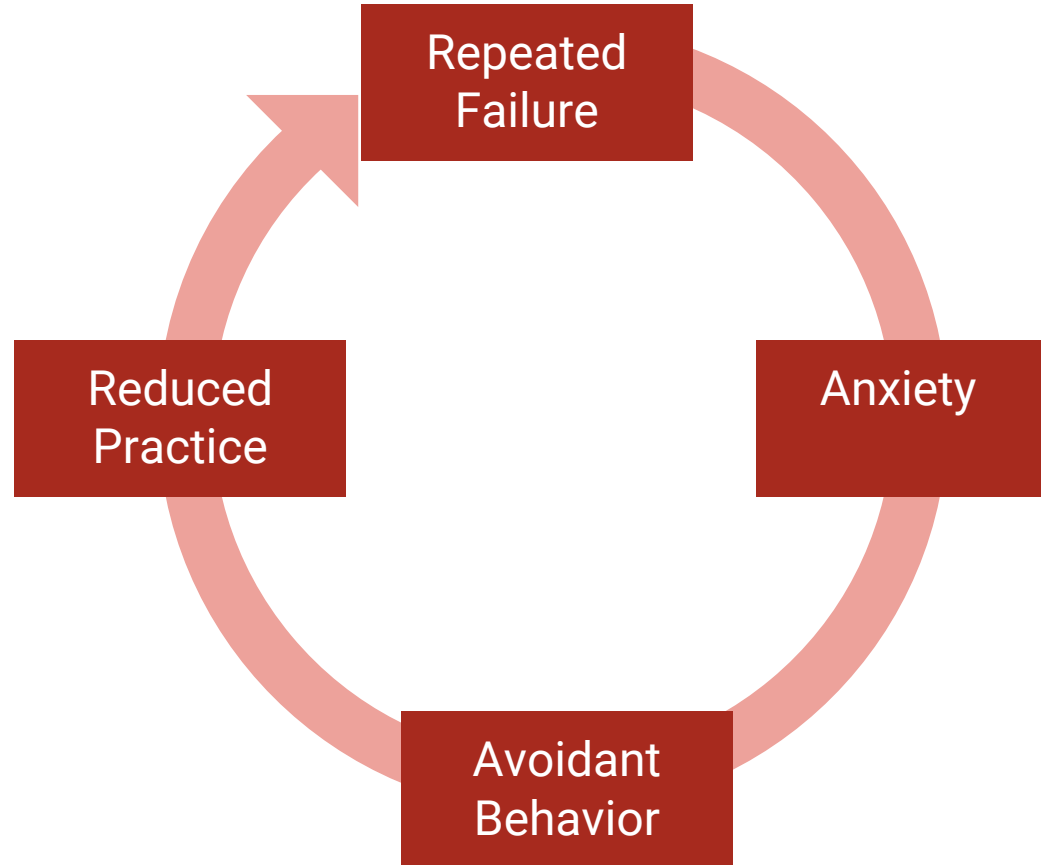


Roles of Motivation & Engagement



Role of Affect

- Struggling readers face:
 - Failures in performance
 - Low motivation and engagement
 - Anxiety
 - Poor self-efficacy and aversive behaviors



Classroom Strategies

Reward positive
reading
behaviors

Multiple teaching
modalities

Supportive
classroom contexts

Knowledge goals based on
individual engagement levels

Teacher attitudes
and support

Interest &
background
knowledge

Anxiety reduction
for struggling
readers