

# Pennsylvania One Book Professional Development Day 2015

Brain Research – with Dr. Betsy Diamant-Cohen

Neurons

Synapse = connections

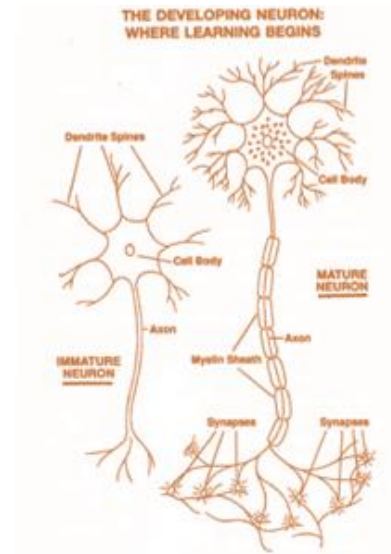
First relationships

Limbic system

Three brains in one

Brain chemistry

Pruning

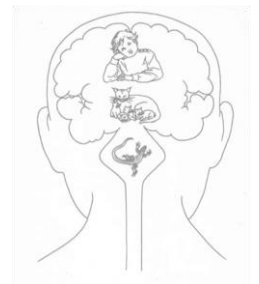


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Brain Research – *Optimal thinking outside of the box can happen anywhere; in the car, in the house, in the library, in the store*

Optimal learning environment:

- Environment
- Hands-on learning
- Repetition & ritual
- Movement
- Music
- Play



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Multiple Intelligences – *How we see, feel, taste, touch, and move*

Linguistic: Words & language

Logical-mathematical: Logic & numbers

Visual spatial: Pictures, images & spaces

Kinesthetic: Body movement & control

Musical: Music, sound, & rhythm

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Multiple Intelligences – *How we interpret, share, and express the experiences*

Interpersonal: Social experiences

Intrapersonal: Self-reflection

Naturalist: Experiences in the natural world

Emotional: Can monitor own & other's emotions

Social: Gets along with others; they will cooperate

# **Pennsylvania One Book Professional Development Day 2015**

## **PA Early Learning Standards**

Approaches to learning through play

Language and literacy development

Mathematical thinking and technology

Scientific thinking and technology

Social studies thinking

Creative thinking and expression

Health, wellness, and physical development

Social and emotional development

Partnerships for learning

# Pennsylvania One Book Professional Development Day 2015

School Readiness & Every Child Ready to Read @ your library®

The importance of school readiness

The six foundational skills to get ready to read:

- Print motivation
- Vocabulary
- Narrative skills
- Phonological awareness
- Print awareness
- Letter knowledge



# Pennsylvania One Book Professional Development Day 2015

School Readiness & Every Child Ready to Read @ your library ®

*Five simple practices help every child get ready to read.*



- Talk
- Sing
- Read
- Write
- Play

# **Pennsylvania One Book Professional Development Day 2015**

Activity Ideas and Developmental Tips



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## Resources - Books

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## Resources - Articles

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