

# DEVELOPING A CHILD AND TEACHER'S MULTI-SENSORY INTELLIGENCE: UNSTRUCTURED, OUTDOOR PLAY AND CHARACTER DEVELOPMENT

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# A<sup>+</sup> for Finland

**KIDS AREN'T REQUIRED TO GO TO SCHOOL UNTIL THEY'RE 7.  
STANDARDIZED TESTS ARE RARE. AND YET THE NORDIC NATION'S  
SUCCESS IN EDUCATION IS OFF THE CHARTS**

**BY LYNNELL HANCOCK PHOTOGRAPHS BY STUART CONWAY**

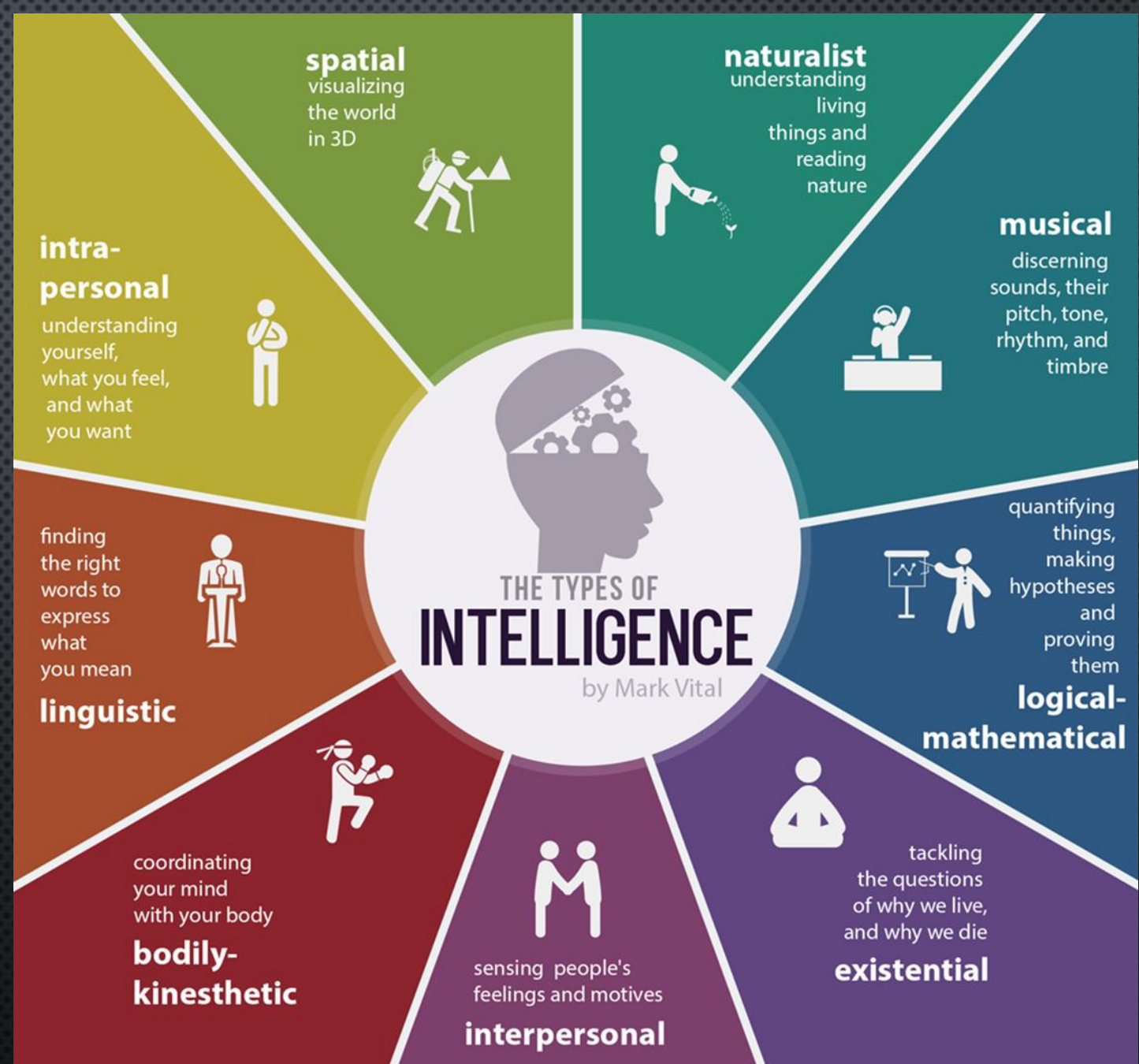




**OUR MISSION IS TO BRIDGE THE GAP BETWEEN ACADEMICS AND SOCIAL, EMOTIONAL, AND HEALTHY WELL-BEING. THE LiNK PROJECT AIMS TO DEVELOP THE WHOLE CHILD THROUGH INCREASED RECESS AND CHARACTER DEVELOPMENT.**

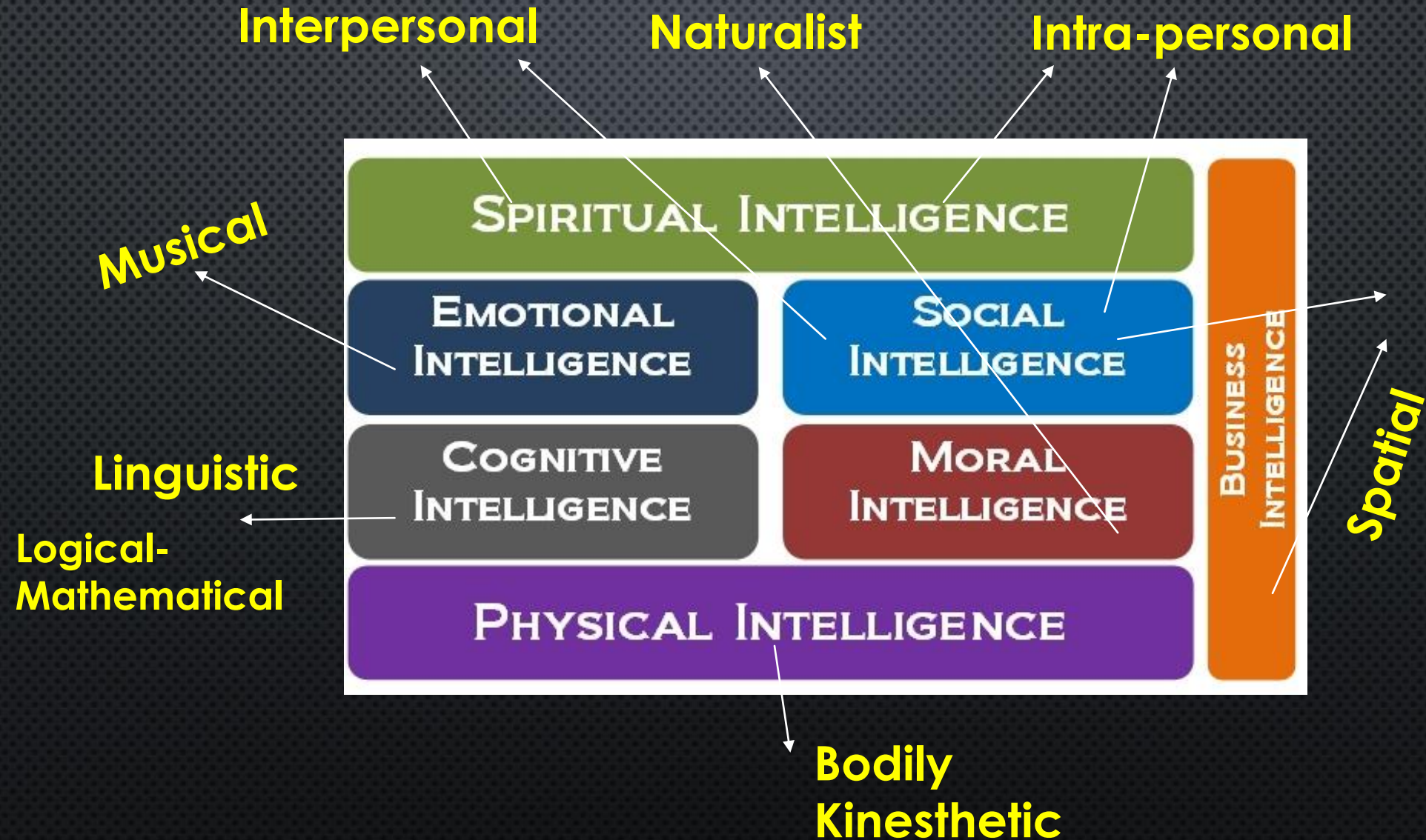
# MULTI-SENSORY INTELLIGENCE:

IS THE INSIGHT AND UNDERSTANDING OF HOW THE HUMAN BRAIN PROCESSES MILLIONS OF SENSORY MESSAGES ON A DAILY BASIS IN ORDER TO LIVE, WORK AND LEARN.





# MULTI-SENSORY INTELLIGENCE



# **NEUROCOGNITIVE INTELLIGENCE: LINGUISTIC & LOGICAL MATHEMATICAL**



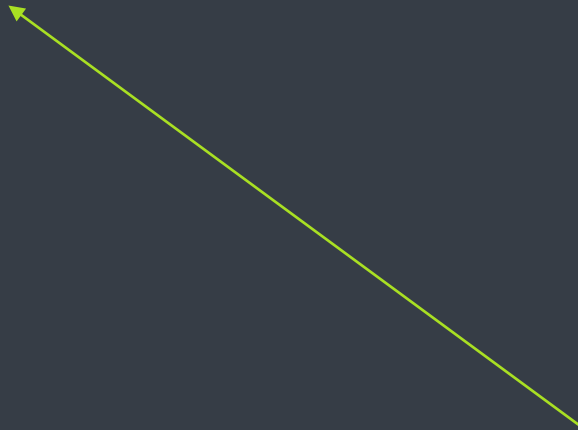
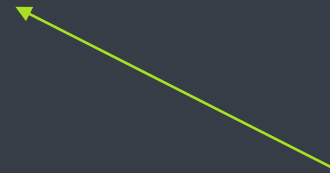
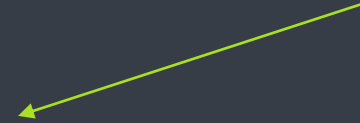
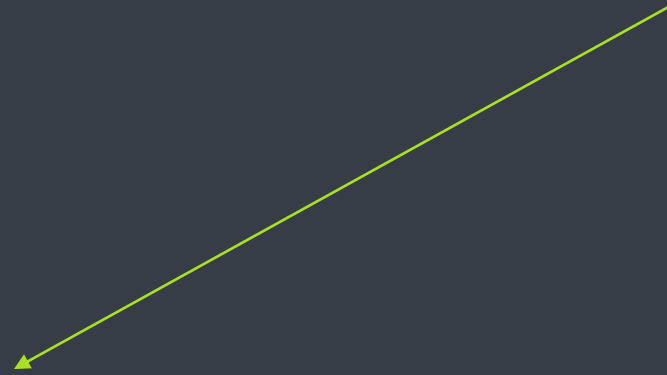
# BRAIN DEVELOPMENT

Activity level  
(unstructured and  
structured)

Short bouts of  
information

Socialization

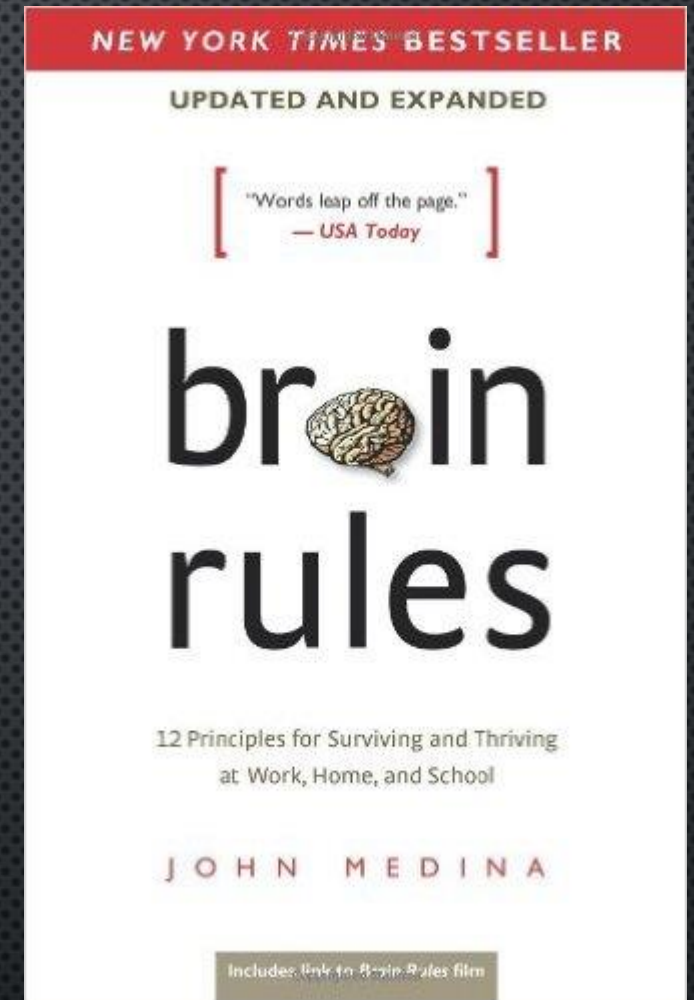
Emotional states



**A child loses information after just 30 seconds if not practiced again**

**Information needs to be reviewed within two hours to stay in short term memory**

**Long term memory takes up to 10 years to make it permanent**

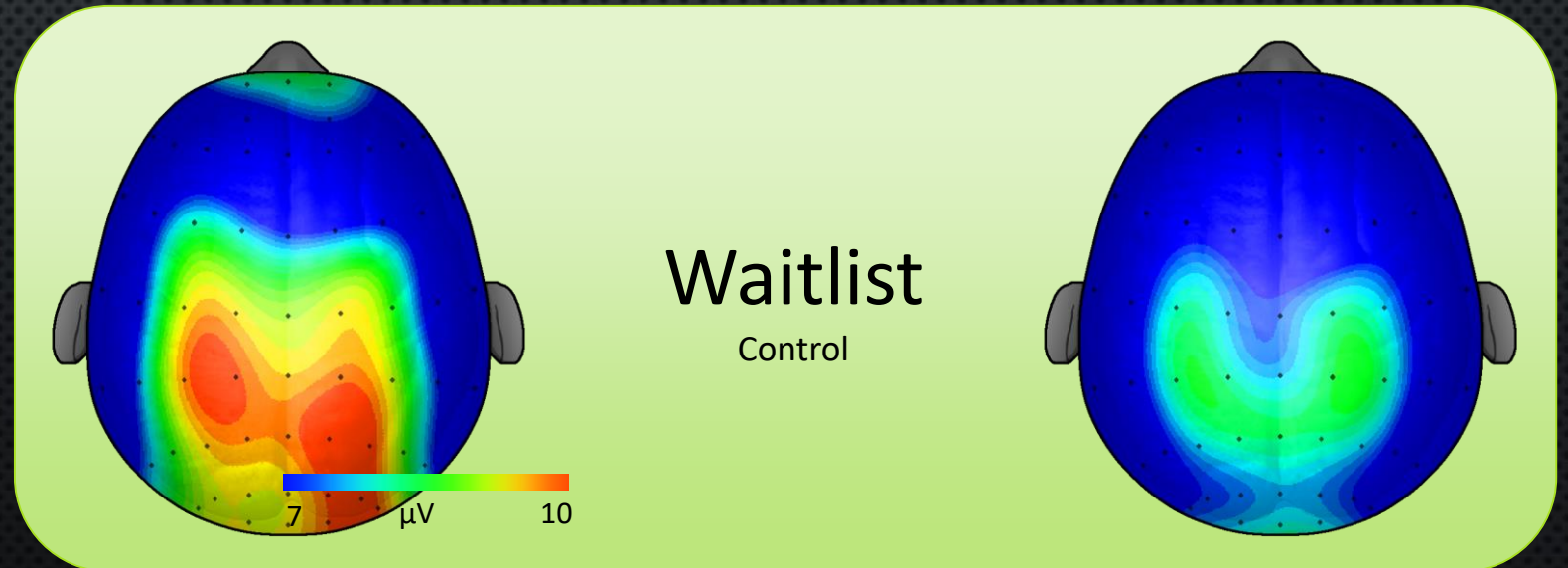




# Neurocognitive Function

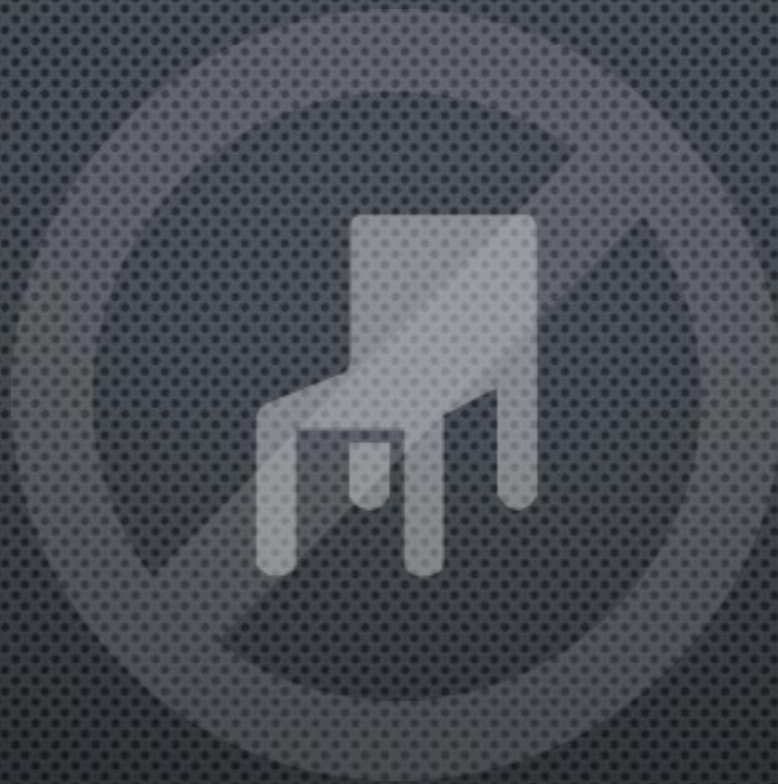
Pre-test

9 Months Later



**HEALTH**





**GET OUT OF YOUR CHAIR. NO, REALLY.**

**ACCORDING TO THE CDC, PROLONGED SITTING IS THE #1  
CONTRIBUTOR TO CHRONIC DISEASES, WITH NEGATIVE  
EFFECTS BEGINNING AFTER JUST ONE HOUR OF SEDENTARY  
BEHAVIOR.**

**[HTTP://HOME.UTILIFIT.COM/WHY-UTILIFIT/](http://home.utilifit.com/why-utilifit/)**



**JUST ONE HOUR OF SITTING IS AS UNHEALTHY AS SMOKING  
TWO CIGARETTES.**

**ALL THE LATEST RESEARCH POINTS TO A SINGLE DIRECTION...  
SITTING IS THE NEW SMOKING.**



**PHYSICAL:  
BODILY-KINESTHETIC & SPATIAL**



# GROSS MOTOR SKILLS





# FINE MOTOR SKILLS





# BODY CONTROL: AGILITY, COORDINATION, BALANCE





# **SOCIAL: INTRAPERSONAL & INTERPERSONAL**



# SOCIAL INTELLIGENCE

- SOCIAL INTELLIGENCE (PROSOCIAL BEHAVIORS)
- LEADERSHIP
- HONESTY
- RESPECT FOR ADULTS
- EMPATHY
- SELF-REGULATION
- ENGAGEMENT WITH LEARNING





# SOCIAL EMOTIONAL LEARNING

 **POSITIVE ASSOCIATIONS BETWEEN SEL AND INDICATORS OF ACADEMIC ACHIEVEMENT AND COGNITIVE SKILLS AND ATTITUDES**

 **THREE DIFFERENT STUDIES SHOWED BOYS, WITHOUT SEL, DECLINE OR AT BEST STAY STABLE BETWEEN THE AGES OF 6 AND 15**







# WEAVE IN AREAS FOR CREATIVE EXPRESSION -

## Musical Intelligence



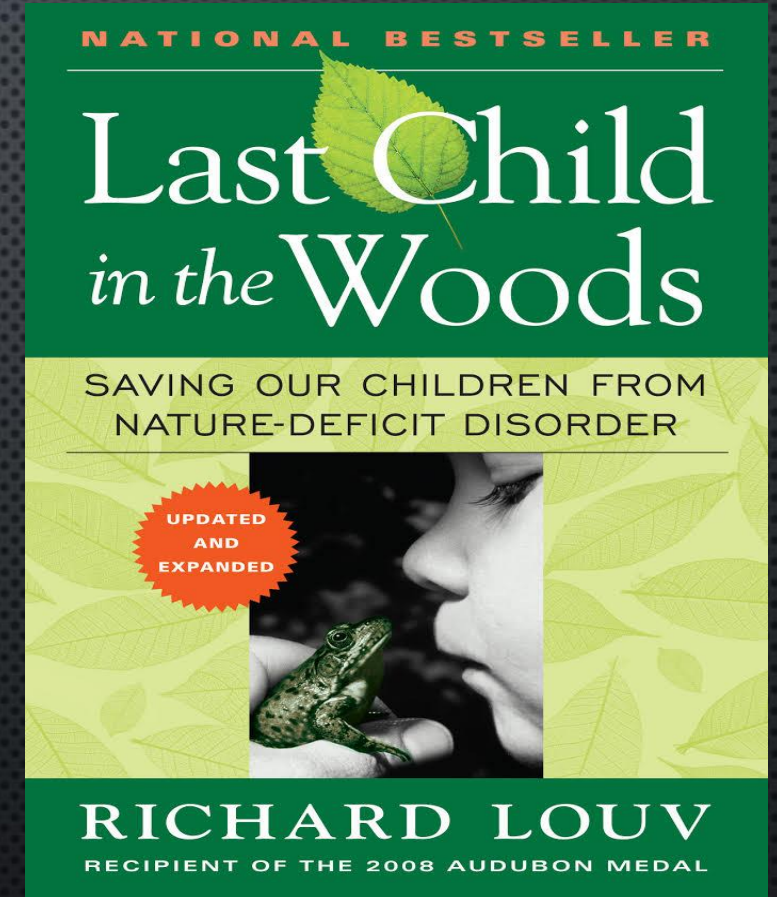


**EMOTIONAL: LINGUISTIC**



# WHY OUTDOORS? NATURE DEFICIT DISORDER

- [HTTPS://WWW.YOUTUBE.COM/WATCH?V=972SGOMBUNM](https://www.youtube.com/watch?v=972SGOMBUNM)





# UNSTRUCTURED PLAY EMOTIONS

- **WHEN PLAY IS MISSING:**

- **RISE IN NARCISSISM**
- **EXTRINSIC CONTROL**
- **OTHERS DIRECTED**
- **LACK OF DIRECTION**
- **ANXIETY/STRESS**
- **INTERNAL STRUGGLES**
- **VOID OF SELF**

- **WHEN PLAY IS AVAILABLE:**

- **SELF-CONTROLLED**
- **SELF-DIRECTED**
- **INTRINSIC CONTROL**
- **RISE IN EMPATHY**
- **CALM/RELAXED**
- **FAILURE IS PART OF GROWTH**
- **PEACE WITH SELF AND IDENTITY**



# TARGET FOCUSED VS FIELD FOCUSED



**Sympathetic  
(SNS)**

**Parasympathetic  
(PNS)**





# OTHER OUTDOOR POSITIVES

- **HORMONE: D3**
- **EYES/COLORS**
- **WEATHER VARIETY — FRESH AIR**





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**GENDER  
EQUITY**





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**PLAY IS OFTEN TALKED ABOUT AS IF IT WERE A RELIEF FROM SERIOUS LEARNING,  
BUT FOR CHILDREN PLAY IS SERIOUS LEARNING.**

FRED ROGERS