



# Teacher Behaviors and Student ALT in Elementary PE

---

Lacy, LaMaster & Tommaney  
(1996)

*Physical Educator*, Late Winter

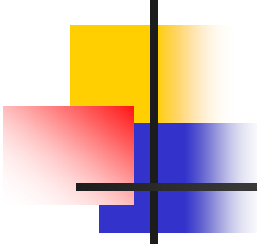
此簡報只供學術及教學參考之用，不能作任何商業用途。



# Definition

---

- A critical variable in student achievement is the amount of time that students are motor engaged in activities appropriate to the student's abilities that result in *high rates of success*.



# Beginning Teacher Evaluation Study (BTES)

---

- Instructional Time
  - Allocated time
  - Engaged time
  - ALT



# Allocated Time

---

- Time allocated for instruction and practice of a particular skill



# Engaged Time

---

- Percentage of allocated time that a student is actually engaged with the subject matter



# ALT

---

- Percentage of engaged time that a student is involved with the subject matter at a level of difficulty commensurate with student abilities that results in an appropriate success rate.



# Arizona State Observation Instrument (ASUOI)

---

- 13 categories of teacher behavior
- Silence 33.5%
- Management 26.36%
- Hustle 3.14%
- Praise 3.97%
- Scold 1.42%
- ALT-PE 14.6%



# Lacy, LaMaster & Tommaney

---

- Engaged time            21-38%
- ALT-PE                    20.1%
  
- Reasons: class size, type of activities, amount of equipment, and class structure, teacher behavior





# Correlation

---

- Management behaviors -0.63
- Concurrent instruction +0.54  
(cues and reminders given during a skill attempt)



# Suggestions

---

- Decrease management behaviors by implementing more efficient class routines.
- Decrease teacher talk prior to activity.
- Organize lessons with the primary goal of improving student ALT-PE.
- Many games, relays, and class structures commonly used in PE do not contribute high amounts of student activity.



End