

SCHOOL DYNAMICS PROJECT

Factors Affecting and Affected by Differential Student Achievement

- **Family wealth**
- **Family education**
- **Family nutrition**
- **Family health care**
- **Pre-natal nutrition**
- **Pre-natal health care**
- **Pre-natal maternal trauma**
- **Early childhood nutrition**
- **Early childhood health care**
- **Parenting practice:**
 - **Early childhood language development**
 - **Early childhood question and answer style development**
 - **Early childhood aspiration and expectation development**
- **School leadership**
 - **School leadership training**
 - **School leadership recruitment**
 - **School leadership evaluation**

- **School leadership professional development**
- **School-community leadership**
- **Teacher quality**
 - **Teacher training**
 - **Teacher recruitment**
 - **Teacher supervision and evaluation**
 - **Teacher professional development**
- **Student instruction**
 - **Instructional content**
 - **Instructional methodology**
 - **Classroom pedagogy**
 - **Student academic support**
 - **Student behavior regulation and control**
 - **Student non-academic learning and support**
 - **Learning time**
 - **Student engagement**
 - **Time in school**
 - **Length of school day**
 - **Number of school days per week**

- Number of school weeks per year
 - Summer learning
 - Student motivation
- School organizational learning
- School resource aggregation and allocation
- School-community collaboration
- School finances
 - Public fiscal support
 - Gifts and grants
 - Resource allocation (objects of cost)
- Student academic achievement
 - Content knowledge
 - Accessing and analyzing information
 - Critical thinking and problem solving
 - Effective oral and written communication
- Student personal intelligence
 - Ability to work with others and resolve conflicts
 - Social communication skills
 - Ability to influence others

- **Sense of social responsibility**
- **Student character development**
 - **Perseverance**
 - **Self-confidence**
 - **Resilience**
 - **Self-discipline**
 - **Punctuality**
 - **Curiosity and imagination**
 - **Initiative and entrepreneurialism**
 - **Student curiosity and imagination**
- **Post-schooling life chances**
 - **Higher education**
 - **Job options and income**
 - **Marriage and family**
 - **Lifetime social behavior**