

D.R.I.V.E.N. School System: A Reformed Education Model

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Abstract

There is a lack of an effective learning experience in the majority of education systems in the status quo. This creates a disdain for school, indecisiveness in a field of study post-high school, and the absence of a passion for knowledge that extends throughout a lifetime. After conducting research regarding alternative teaching methods and school structures, we have developed D.R.I.V.E.N. School Systems in order to satisfy this need by grouping students by ability and changing the atmosphere and structure of the school environment.

Disdain for
Everyday
School Life

Post High
School
Preparation

Passion for
Lifetime
Learning

Implications

1. Disdain for Everyday School Life
 - ⊙ Ability grouping relates to self esteem
 - ⊙ Autonomous classrooms = higher self esteem and better academic performance
 - ⊙ Better social relationships make students want to attend school
2. Post High School Preparation
 - ⊙ Vocational and experiential learning
 - ⊙ Testing regarding the disciplines
 - ⊙ Alternative school structures prepare students better for college
3. Passion for Lifetime Learning
 - ⊙ Higher school concept = higher likelihood to be a lifetime learner
 - ⊙ Independent education (self-led learning) will cause the students to be more likely to pursue educational topics on their own
 - ⊙ Internalization of extrinsic motivation leads to intrinsic motivation

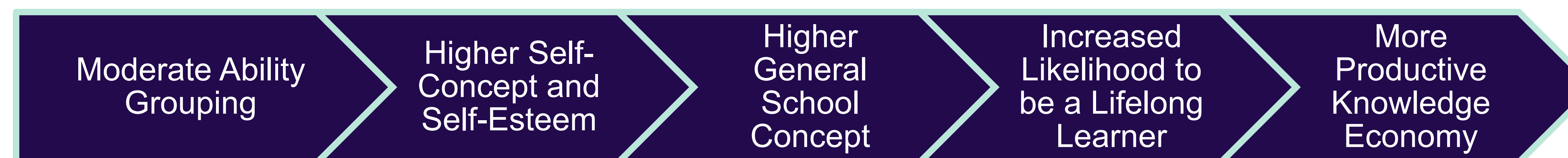
Background Research

- ⊙ Alternative school structure
 - ⊙ Ability grouping
 - ⊙ Calendar
 - ⊙ Magnet schools
- ⊙ Teaching methods and classroom dynamic
 - ⊙ Montessori Method
 - ⊙ Dewey and experiential learning
 - ⊙ Self-Determination Theory
 - ⊙ Group learning
 - ⊙ Vocational education

The Education Model

We have combined methods that have been shown to work in various alternative education systems in order to form a model for a state funded magnet school that we believe will eradicate the problems currently visible in the majority of prevalent education systems. By employing the methods of alternative school structure and modified teaching methods as well as classroom dynamics, D.R.I.V.E.N. School System will increase students' general self and school concept, aid in student preparation for life post-high school, and help students to acquire a passion for learning that will last throughout a lifetime.

Ability Grouping Effect on Self-Concept



Alternative Teaching Method Characteristics

Montessori Method	Dewey's Theory of Education	Self-Determination Theory
<ul style="list-style-type: none"> ⊙ Social Integration ⊙ Decentralized Teacher 	<ul style="list-style-type: none"> ⊙ Experiential Learning ⊙ Thoughtful Reflection 	<ul style="list-style-type: none"> ⊙ Intrinsic Motivation ⊙ Integrated Internalization

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- D** Discipline specific
- R** Refined curriculum
- I** Integrated teaching methods
- V** Vocation preparedness
- E** Expanded opportunity
- N** Network driven