

CORRELATION

INTRODUCTION: CORRELATION

“No subject is ever well understood and no art is intelligently practiced, if the light which the other studies are able to throw upon it is deliberately shut out.”

- *RAMONT*

INTRODUCTION: CORRELATION

- Education is a **co-ordinated process** and the major aim of education is the '**unification of knowledge**' existing in the different branches of learning.
- Teaching of various subjects is hence correlated.
- A conscious effort is made to integrate various subjects to treat the subject as a synthetic whole.

CORRELATION MEANING

- **What is correlation?**
- The term 'correlation' in its simplest form means "connect or to be connected" .
- To be more precise, 'Correlation' means mutual relations of two or more things/persons.

DEFINITION: CORRELATION

- **SIMPSON and KAFKA:** “Correlation analysis deals with the association between two or more variables.”
- **FERGUSON:** “Correlation is concerned with describing the degree of relation between variables.”
- **A.M. TAULE:** “Correlation is an analysis of co-variation between two or more variables”.
- **Thus ‘correlation’ is just a mutual relationship between various variables, i.e., subjects of school/college curriculum.**

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What is integration?

- ❑ Problem, concerns real to the student and real in the community.
- ❑ Students and teachers work together to select the specific topic of interest to them and together they plan how, when, where, and why they will pursue it.
- ❑ Active students participation and decision making.
- ❑ Explore issue to understand and to propose a solution, suggestion a new direction and report the result.
- ❑ Develop essential skills intrinsic to their learning.

Interdisciplinary integration as defined by Wikipedia is a method or methods, used to teach a unit across different curricular disciplines. Simply put it is a way to incorporate a topic or subject throughout different classes. For example if a sixth grade class is learning about WW2 in their social studies class their teacher would work with the English teacher who would then have the class read Anne Frank.

Interdisciplinary teaching has proven to be very successful. Throughout this research I hope to adequately introduce this idea in hopes that you will get a good enough understanding to formulate your own opinion of its educational worth.

Transfer of Learning

- ▶ Refers to the ability to apply knowledge learned in one context to new contexts (Bransford, Brown, and Cocking 1999)
- ▶ Originally introduced as transfer of practice by Edward Thorndike and Robert S. Woodworth
(http://en.wikipedia.org/wiki/Transfer_of_learning)



Transfer of Learning (cont.)

Transfer of learning occurs when the learner:

- ▶ recognizes common features among concepts, skills, or principles
- ▶ links the information in memory
- ▶ sees the value of utilizing what was learned in one situation in another



Definition



- Transfer of learning is the ability to apply knowledge learned in one context to new contexts.
- Transfer of learning occurs when the learner
 - recognizes common features among concepts, skills, or principles;
 - links the information in memory; and
 - sees the value of utilizing what was learned in one situation in another.