## A Preliminary Proposal for a 3-Dimensional System of Information Storage and Presentation

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The major fault in present education is inefficiency which causes apparent symptoms of premature specialization and fragmentation of knowledge. Inefficiency in turn is caused by the inability of the slow, time-consuming, linearnarrative method of information medium (books, lectures, TV, filns, memory computers, etc.) to communicate even the essentials of the ever expanding field of knowledge within a limited time. This lack of general comprehension among students leads to specialization being randomly chosen, representing neither the student's true intent nor his aptitude, with the final result of his frequent dissatisfaction, indifference in future study and work, and imbalance in job market. To correct this inefficiency and randomness, the universities should:

1) replace the millions of publications and other information media with a time-saving, speedily comprehensible, chart-like, 3-dimensional system of information storage and information presentation to the uninformed (something the memory computers lack).
2) provide an integrated, unfragmented general education, only gradually leading to specialization. Thus, in the first year all students would be presented with the first level or dimension of the knowledge schemata with adjunct analysis of job market, incentives for starved professions (USSR practice), helping students to make rational choices and be aptitude tested for the next step or second year, which should present the next in depth level of one of the basic sub-divisions of knowledge (such as biological sciences for instance). Third year thus would present further in-depth study of more specialized sub-divisions (such as morphology for instance). Fourth year would carry this process to further specialization (such as genetics for instance), and so on through post graduate studies. Each sub-heading represents front of a drawer containing overlapping card file, the tops of which form further chart of the particular sub-heading (history of art for instance).

## ART \& DESIGN

Environmental Environments optic \& acoustic readymades topographic, etc. Events events, gags, readymades games, play, sports
happenings, multimedia theatre kinesthetics, dance, gymnastics pyrotechnics, aero-arts
Aural
Instrumental
unprepared instruments
Concrete
tape collage
noise makers
Electronic
Action
Object
Materials
stone, concrete, cements
ceramic, pottery, glass
plastic, metal, wood
fibers, fabric, skin
culinary
Processes
hand, single weaving, sewing, leather work pottery, casting, glass blowing carving, chiseling, woodworking welding, metalwork multiple molding, vacuum forming, die foundry, diecasting, rollforming extruding, blowmolding, etc.
Design
structural
mechanical
electric-electronic
chemical, mineral
Readymades
Graphic

## Multiple

$\left.\begin{array}{cc}\text { photography still photography } \\ \text { cinematography } \\ \text { photomechanics: photoengraving } \\ \text { photogravure } \\ \text { graphic toxology } \\ \text { film distortion } \\ \text { pattern } \\ \text { kinetic, etc. } \\ \text { offset } \\ \text { letterpress }\end{array}\right\}$

## Single

monochromic, drawing, etc.
polychromic, painting, collage, etc., bodypainttne

Literary

## Concrete

prose, drama, etc.
poetry
journalism, essay, editing, etc.
Abstract
phonetic, sound poetry \& prose
typographic, visual
action, object, etc.

## SOCIAL SCIENCES

Organization
Cultural
Economic state
capitalism
communism socialism \& welfare state collectivism, syndicalism
monopolism, cartels, cooperatives oligopoly
micro \& macro economics
commerce, supply-demand, inflationdeflation
finance, taxation, wages, etc. labour, industrial organization
mathematical economic dynamics
activity analysis
game theory
Political
comparative government
constitution
international relations
public administration
Ethics
Legislated
constitutional, legislative, statute
administrative
commercial
international
civil, equity, common
criminal conspiracy, perjury
corrupt practices
homicide, etc.
Non-Legislated Law
History
Theory
historiography, methodology
Social
political
economic
scientific-technological
art, archaeological
Biological
paleoanthropology
paleozoology, botany, etc.

## BIOLOGICAL SCIENCES

Ecology \& Ethology
Psychology
social psychology social ergonomics comparative: behaviour applied: industrial, vocational, motivation
pedagogy
para psychology metaphysics
religion, theology
e.s.p., telepathy, etc.
abnormal psychology
Cybernetics
philology palaeography
folklore
language
textual criticism
phonology, phonetics
semantics
morphology
etymology
grammar
Biogeography
demography
anthropography
antecology
synecology
phytosociology
Taxonomy
Anthropology ethnology, primatology, etc.
Zoology
Bacteriology

## Botany

## BIOLOGICAL SCIENCES

## Morphology

Biochemistry photosynthesis coenzymes, enzymes nucleic acids fermentation, etc.
Molegular Biology
Cytology
Histology
Anatomy
Physiology
Genetics
Embryology
Organogeny
Neurophysiology
Cybernetics
Pathology
Gynecology
Orthopology
Cardiology
Pulmonology
Gastroenterology
Urology
Endocrinology
Dermatology
Neurology
Ophthalmology
Ontology
Dentistry
Psychiatry
Pharmacology, etc.
Chemistry Biochemistry
Inorganic crystallography, oxides
Organic carbon Analytical
Synthetic


