



Creativity and Anticipation: Intertwined and Non-Obvious Relationships

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INDUSTRIAL SOCIETY

- ✧ STANDARDIZATION
- ✧ CONCENTRATION
- ✧ SYNCHRONIZATION

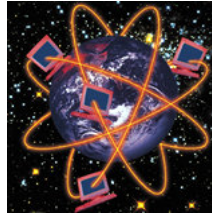


EDUCATIONxIND

- ✧ ROTE LEARNING
- ✧ SPECIALIZATION
- ✧ CREATIVITY FOR GENIUS

INFORMATION SOCIETY

- ✧ PERSONALIZATION
- ✧ DISTRIBUTION
- ✧ S/T DESTRUCTURING



EDUCATIONxINFO

- ✧ FLEXIBILITY
- ✧ FILTERING
- ✧ CREATIVITY FOR DIGNITY



POST-INFORMATION SOCIETY

- ✧ HYPER-INTELLIGENCE
- ✧ HYPER-CONNECTIVITY



EDUCATIONxPOST-INFO

- ✧ A.I. CONTROL
- ✧ ENTREPRENEURSHIP
- ✧ CREATIVITY FOR SURVIVAL

*CREATIVITY
IS A
NECESSITY*

Alfred Whitehead's cosmology (1927)

- **Creativity is the ultimate metaphysical principle**
 - by which the **many**, which are the universe disjunctively, **become** the **one actual occasion**, which is the universe conjunctively

PROCESS AND REALITY

AN ESSAY IN COSMOLOGY

GIFFORD LECTURES DELIVERED IN THE UNIVERSITY
OF EDINBURGH DURING THE SESSION 1927-28

BY

ALFRED NORTH WHITEHEAD

F.R.S., Sc.D. (Cambridge), Hon. D.Sc. (Manchester),
Hon. LL.D. (St. Andrews), Hon. D.Sc. (Wisconsin),
Hon. Sc.D. (Harvard and Yale)



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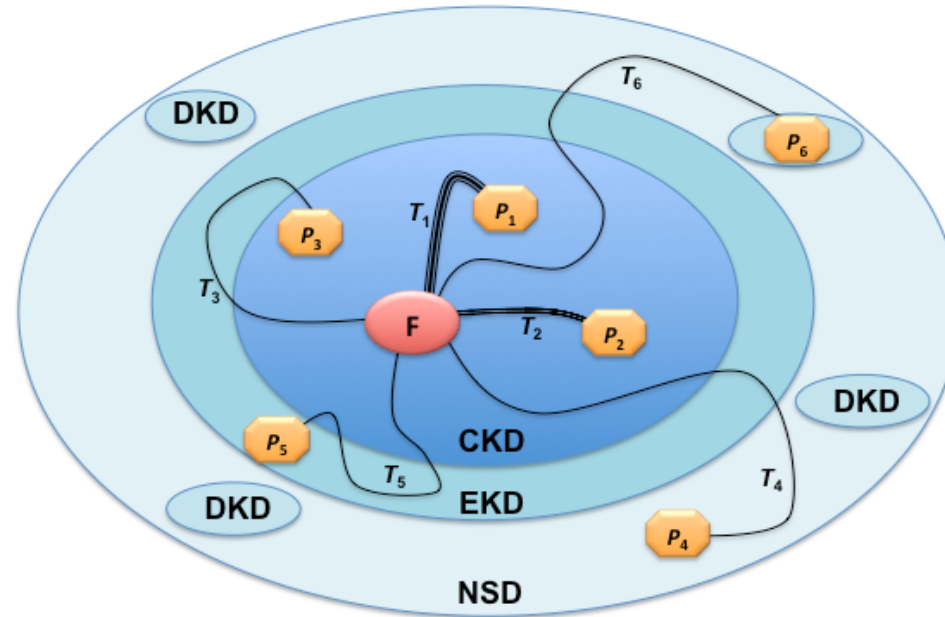
*What is the relationship
between creativity and
anticipation?*

*What is the impact on
educational principles?*

A behaviour that uses the future in its actual decision process

***Reality is complex, with non-linear dynamics, where
discontinuities play a crucial role***

- R. Poli (2017). Introducing Anticipation. *Handbook of Anticipation*, in preparation.



Creativity requires potential originality and effectiveness

- G.E. Corazza (2016). Potential originality and effectiveness: The dynamic definition of creativity. *Creativity Research Journal*, 28(3), 258-267.

Commonalities vs. Differences

Cooperation vs. Contrast

- Adaptive factors in human evolution
 - Both determined the success of Homo Sapiens
 - Anticipation allowed to migrate and colonize all habitats
 - Creativity enabled the exponential growth of cumulative culture
- Skepticism on the scientific approach to the disciplines of creativity and anticipation
 - The impact belongs to *futura*
- Drive
 - Creativity as anticipatory action driving towards a preferable future
- Process orientation and complexity
 - Non linear dynamics and impredicativity

- Anticipation as new and general point of view on all sciences vs. creativity as a special exception
- Champions: geniuses vs. prophets
- Measurement, traits and abilities of the creative person
- Creative Industry
 - Will there be in the future an “Anticipation Industry”?

Cooperation vs. contrast

- Cooperation
 - Probable, possible, and preferable futures
 - Mindset for creativity and for anticipation
 - Release fixedness
 - Motivation for challenges
 - Awakening latents
 - **Estimation of creative ideas**
- Contrast
 - Creativity to defy anticipation
 - Reducing boldness

