

reflect-advance(s)

James Clerk Maxwell: ... "thoroughly conscious ignorance is the prelude to every advance in science" ...
life(s) / closure(s) / reflect(s) / fight(s) / ignorance drives science

reflect-aim(s)

... intelligent activity is distinguished from aimless activity by the fact that it stimulates selection of means – **analysis** – out of the variety of conditions that are present, and their arrangement – **synthesis** – to reach an intended aim or purpose – **experience** – the means and goal of **education** ...
life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-arena(s)

... seeing **everyday life** as holy is in part seeing the world and its contents as infinitely receptive to our activities of exploring, responding, relating and creating, ... as an **arena** that would richly repay these activities, no matter how far they are taken, whether by an individual ... or by all of humanity together throughout its **time** ...

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-art(s)

... history of morality – **art** too falls under the **moral obligation to be intelligent** ...
life / fight(s) / driver / moral obligation to be intelligent []

reflect-attitude(s)

... **formation of attitude(s)** – ... the principle of **continuity of experience(s)** means that every experience takes up something from those which have gone before and modifies in some way the quality of those that come after ... – ... spoiling (a child) limits the **capacity for growth** ...
life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-ca1-09(s)

reflection(s) – SmartXP Exhibit

create / common(s) / art(s) / – / .

- coherence – between projects
- (visual) guidance – in space
- explanation(s) – meaning & impact
- identification(s) – who did what?
- (explicit) invitation(s) – to explore installment(s)

reflect-choice(s)

... **warfare between character and intellect** ... – ... the assumption that a **choice** must be made between **goodness** and **intelligence**, ..., that stupidity is the first cousin to **moral conduct** and cleverness the first step to mischief ...

life / fight(s) / driver / moral obligation to be intelligent []

reflect-condition(s)

... **condition(s) of entry** ... – ... the *illusio*, **belief in the game**, which implies, among other things, unconstrained belief in the **imperative of disinterestedness** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-confusion(s)

... **confusion of impulse with purpose** – there is no purpose unless overt action is postponed until there is foresight of carrying the purpose into execution ... – intellectual anticipation – educational goal(s) ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-contradiction(s)

contradicion(s) – essential tension(s)

- **recalcitrant disposition – towards educational system**
- **aelf-assurance / arrogance – of hyper-selected student**

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-control(s)

... general principle of social control of individuals without the violation of freedom – create situations that of themselves exercise control – ... the only freedom that is of enduring importance is the **freedom of intelligence** ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-convergence(s)

... **mathematization** ... – ... lies behind several **convergent phenomena** which all tend to strengthen the **autonomy** of the **scientific world** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-discipline(s)

... a **discipline** ... is defined by the possession of a **collective capital** of specialized methods and concepts, mastery of which is the tacit or implicit price of entry in the field ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-effect(s)

... one sees, in passing, one of the effects of reflexivity ... what I have just said puts my listeners on their guard against what I am going to say, ... and puts me on my guard too, against the danger of privileging one orientation or against even the temptation to see myself as objective on the grounds for example that I am equally critical of position(s) ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-emotion(s)

... the fact that human beings are so largely creatures of emotion and habit make impossible large-scale social planning and direction by intelligence ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-engage(s)

nevertheless, it may well be important at times to **be engaged** in some or another **mode of change** in the boundaries and topology of **self** ..., different ones at different times though – any such change need not be judged solely by how it substantively feed back into the **individual self**, though ...

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-experience(s)

... **theory of experience** – is **there** anything inherent in experience that tends towards **progressive organization** of its content(s) ... – ... **social factors** that operate in the constitution of individual experience(s) ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-experiment(s)

... through **fresh experimentation** one can bypass routinized or predictable pleasure(s) ... how nice that freedom, openness, creativity, daring and intelligence – traits not always so amply rewarded in the larger world – bear such exceedingly sweet private fruits ...

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-face(s)

... the other **face of science** is both universally known to all those who take part in the game ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-fact(s)

... **fact(s)** ... – ... once the **final product** has been worked out in circulation, the intermediate stages that made it possible, in particular the vast network of negotiations and machinations that have given rise to the **acceptance of a fact**, are forgotten ..., not least because because researchers wipe away the traces of their research as they move on ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-force(s)

experience(s) [should] – (be a) **moving force**

- **arouse curiosity**
- **strengthen initiative(s)**
- **set up desire(s)**

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-foundation(s)

... one of the foundations of (this) dimension of **scientific competence**, commonly called **intuition** or **creative imagination**, is no doubt to be found in the use of the **social experience** previously subjected to sociological critique ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-framework(s)

... the **choice** among different frameworks can only be the effect of a free convention governed by pragmatic and not rational criteria ... – ... hence the **principle of tolerance** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-group(s)

reflection(s) – group

create / common(s) / art(s) / – / .

The singularity is near

Resistance is (not?) futile

Program or be programmed

CreaTe resistance

Together we resist

Get a()live

Emotions are for humans

humans are (ir)replacable // anything you can do i can do better

the only reality is virtuality

humans are parasites

symbiosis i-ı parasites

digital infection

digital affection

synergy

/ game(s) / cycle(s)

reflect-habit(s)

... **experiential continuum** – ... the basic characteristic of **habit(s)** is that every experience, enacted and undergone, modifies the one who acts and undergoes, while this modification affects, whether we want it or not, the quality of further experience(s) ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-habitus(s)

... **disciplinary habitus** ... – ... a system of schemes of perception and appreciation ... where the incorporated discipline acts as a censorship ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-happy(s)

... there are various ways to nibble away at the apparent obviousness of the view that **happiness** is the one thing that is important ...

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-ignorance(s)

... the **ignorant(s)** are unaware, unenlightened, uninformed, and suprisingly often occupy elected offices ...
– we can all agree that **none of this is good** ...

life(s) / closure(s) / reflect(s) / fight(s) / ignorance drives science

reflect-instrument(s)

... **formalization(s) & instrument(s)** ... – ... a twenty-year-old mathematician can have twenty centuries of mathematics in his mind, because formalization makes it possible to acquire accumulated products of non-automatic inventions, in the form of logical automatisms that have become **practical automatisms** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-interest(s)

... **social interests** generate **tactics of persuasion**, opportunistic strategies and culturally transmitted dispositions that influence the content and development of scientific knowledge ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-knowledge(s)

... scientific knowledge is the set of **propositions that have survived objections** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-life(s)

... we really seek **intelligence** not for the **answers** it may suggest to the **problems of life**, but because we believe it is **life** ...

life / fight(s) / driver / moral obligation to be intelligent []

reflect-lucid(s)

[Camus]: **lucidity** = mixture of **clarity** & **courage** ...

... how is it possible to think too much about problems whose solution can be discovered only by means of **reflection(s)** ...

life / fight(s) / driver / moral obligation to be intelligent []

reflect-math(s)

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life(s) / closure(s) / reflect(s) / fight(s) / ignorance drives science

reflect-object(s)

Pierre Bourdieu: ... *the social relations objectified in familiar objects, in their luxury or poverty, their 'distinction' or 'vulgarity', their 'beauty' or 'ugliness', impress themselves through bodily experiences which may be as profoundly unconscious as the quiet caress of beige carpets or the thin clamminess of tattered, garish linoleum* ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-paradigm(s)

... **paradigm** ... – ... the equivalent of a language or a culture ... – ... it determines the questions that can be asked and those that are excluded, the thinkable and the unthinkable, ... – being both **achievement** and a **starting point**, it is a **guide for future action**, a programme for **research** to be undertaken, rather than a system of rules and norms ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-plan(s)

... **purpose(s)** – differ from original impulse and desire – ... (through) translation into a **plan: method of action** – based upon foresight of the consequences of acting under the given **observed conditions** ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-position(s)

... **reflexive analysis** ... must consider successively **position in the social space**, **position in the field**, and **position** in the **scholastic universe** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-power(s)

... means to a freedom, which is power – to frame purposes, to judge wisely to evaluate desires by the consequences – ... power to select and order means to carry chosen ends into operation ... – the alternative to externally imposed inhibition is inhibition through an individual's own reflection and judgement ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-process(s)

... educational process – collateral learning – the future has to be taken into account at every stage – ... **continuity** and **interaction** in their active union with eachother provide the measure of **educational significance** ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-purpose(s)

formation of purpose(s) – ,a href=@s5-reflect-plan.html;plan(s)

- observation of surrounding conditions
- knowledge of similar situations
- judgement – to combine observation & memory

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-puzzle(s)

... **day-to-day science** ... – (black cat) – ... is more accurate than the more common metaphor of scientists patiently piecing together a giant **puzzle** ... – ... with a puzzle you see the manufacturer has guaranteed there is a **solution** ...

life(s) / closure(s) / reflect(s) / fight(s) / ignorance drives science

reflect-quality(s)

... everything depends on the quality of the experience(s) – the central problem of an education based on experience is to select the kind of present experiences that live fruitfully and creatively in subsequent experience(s) ... – ... plan(s) for deciding upon subject, upon methods of instruction and discipline, and on material equipment and social organization of the school ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-reflex(s)

... **reflexivity** ... takes on its full efficacy only when it is embodied in collectives which have so much incorporated it that they practise it as a **reflex** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-reform(s)

... to complete the marking of the difference from narcissistic reflectivity ... – ... **reformist reflexivity** is not something done by one person alone ... – ... it can exert its effect only if it is incumbent on all agents in the field ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-research(s)

... contrary to what the imperative of **free of values** demands, experience linked to one's social past can and must be mobilized in **research**, on condition that it has previously been submitted to a rigorous **critical examination** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-response(s)

... what we want, in short, then is a life and a self that happiness is a fitting response to – and then to give it that response ...

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-risk(s)

... utilizing the freedom of action that is gained by the willingness to run **serious risks**, people's ingenuity will devise new modes and patterns of effective action which others can emulate ...

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-ruse(s)

... the **ruse of scientific reason** consists in making necessity out of contingency and chance, and in making a **scientific virtue of social necessity** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-school(s)

... **pattern of organization** – school being a kind of institution – teachers are the agents through which knowledge and skill(s) are communicated and rule(s) of conduct being enforced ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-science(s)

Thomas Kuhn: ... "the productive scientist must be a traditionalist who likes playing intricate games by pre-established rules in order to be an effective innovator who discovers new rules and new pieces with which to play them" ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-self(s)

reflection(s) – self

create / common(s) / art(s) / – / .

kilometers maken -i stop procrastinating with planning

- too unclear -i converge get focus

- no method, no concentration, no focus -i common responsibility

- be a group/participate as group (in math-classes etc.) -i get your ass up

- no documentation -i

- smart xp, is it already ours? -i

- too lazy to ask for the stuff we need/want -i

theme(s) / game(s) / cycle(s)

reflect-sense(s)

... **adherence to a method** ... essentially by letting oneself be carried along by a sense of – a feel for – the **scientific game** that is acquired through prolonged experience with the **scientific game**, with its *regularities* as much as its **rules** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-serious(s)

... perhaps actual **unhappiness** or **happiness** is what makes our lives **serious** – not just **play** or a **game** – but why do we want our lives to be **serious**, then ?

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-sit(s)

... when we sit down ... we don't go over the **fact(s)**, we don't talk about what is **known**, we talk about what we'd like to **figure out**, about what **needs to be done** ...

life(s) / closure(s) / reflect(s) / fight(s) / ignorance drives science

reflect-social(s)

... all human experience is inherently social: it involves contact and communication – ... experience(s) influence the formation of **attitudes of desire & purpose** ... – **experience does not occur in a vacuum** – ... (also) **interaction(s)** with internal state(s) ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-stance(s)

stance(s) – value(s) / risk(s)

- egoistic
- relational
- absolute

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-step(s)

... **communal gap in knowledge** ... – ... this is **knowledgable ignorance, insightful ignorance** ... – ... it leads us to **frame** better **questions**, the first step to getting better answers ...

life(s) / closure(s) / reflect(s) / fight(s) / ignorance drives science

reflect-struggle(s)

... the definition of what is at stake in the **scientific struggle** is one of the things at stake in the **scientific struggle** ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-student(s)

... **choice(s)** ... – sex / social origin / educational background – ... one is aware of the tendency of the *scholarship student* towards awestruck hyper-identification with the educational system ... – ... one is better prepared to resist the effects of academic thinking ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-subject(s)

... selection and organization of intellectual subject matter – problems are the stimulus to thinking – conditions found in present experience should be used as sources of problems ... – growth depends on the presence of difficulty to be overcome by the exercise of intelligence ...

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-teach(s)

... driving force of science ... – exhilaration of the unknown – ... we are failing to teach the ignorance the most critical part of the whole operation ...

life(s) / closure(s) / reflect(s) / fight(s) / ignorance drives science

reflect-tension(s)

mathematization(s) – essential tension(s)

- produces an effect of exclusion – resistance(s)
- transformation of idea(s) of explanation – calculate!
- de-substantialization – functional relation(s)

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-theme(s)

reflection(s) – theme(s)

create / common(s) / art(s) / – / .

digital infection/affection

symbiosis i-¿ parasitism

CreaTe resistance

... existence is futile

emotions are for humans

humans are (ir)replaceable

together we resist

tutorial(s) / product(s) / mood(s) / attitude(s) / game(s) / cycle(s)

reflect-think(s)

... self-control – thinking is (thus) a postponement of immediate action, while it affects internal control of impulse through a union of observation & memory: the heart of reflection ... – however, the mere removal of control is no guarantee for self-control

life(s) / attitude(s) / attack(s) / moral(s) / experience & education

reflect-triple(s)

reflection(s) – triple(s) / talk(s) / unity

common(s) / art(s) / resource(s) / – / .

twinkle(s) / difference(s)

... together we ... walk(s) / reflect(s) / program(s)

engine(s) / drawing(s) / theme(s) / reflection(s) / game(s) / cycle(s)

reflect-trust(s)

... affirmation can be wide-hearted and yet tentative, open to being superceeded – a trust in your deeper experience(s) guides your own life and inquiry – ... it is not something to demand others have too ...

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-unity(s)

reflection(s) – unity / example(s)

create / common(s) / art(s) / – / .

... what is it to ... walk / chat with yourself?

mood(s) / reflection(s) / theme(s) / resource(s) / game(s) / cycle(s)

reflect-value(s)

... if being were static or its motions were random, there would be no value ...

closure(s) / attitude(s) / attack(s) / moral(s) / examined life

reflect-virtue(s)

... science(s) ... – ... the cheerless and thankless virtue of the true intellectual: to disquiet his own side, to *unmask the unmaskers*, ..., to dissent from the orthodoxies of dissent ...

life / fight(s) / driver / moral obligation to be intelligent □

reflect-vision(s)

... the official vision of science is a collective hypocrisy capable of guaranteeing the minimum of common belief that is necessary for the functioning of a social order ...

life(s) / closure(s) / reflect(s) / fight(s) / science of reflexivity

reflect-way(s)

... teaching ... – ... saying the same thing in different ways is an often effective strategy ...

life(s) / closure(s) / reflect(s) / fight(s) / ignorance drives science