

Bush Mechanic/Artificer hot buttons:

As an example of Action Based Learning for Constant Change we have the Bush Mechanic and we now know the four principles or precepts of this concept. Is the Bush Mechanic relevant to saving the world? Is so how? Indeed now can we can personalise saving the world!! - not in a strategic plan, not in a spiritual quest, not in systems analysis, not in a big infrastructure plan or construction, not in a famous book, song or workshop dialogue session but rather in a person - like someone sitting on the right of the person on your left i.e. someone you see in the mirror each morning. These hot buttons are where the bush mechanic principles can be part of our Second Enlightenment (thereby addressing Mega trends 7, 8, & 12 and Organising Principles 3, 4, 10-13 - see Table below) and manifest themselves in our day today lived lives inc. our work.

The second enlightenment starts at home in our 'lived lives' as engaged concerned citizens'!!!

1. Practicourse cp. discourse - **talk their walk**
2. **Resource base not separate to one's consciousness**
3. **Walk their talk** via. the Exemplar Project
4. Deep deep respect for, knowledge of, & experience in, **interface**
5. Last preserve of **dexterity** (manual & mental integrated) & **mimesis** - copying dexterously with understanding
6. The **singing tool** - techne - from artificial intelligence to artificer intelligence!!
7. **Heterotechnic co-operation**
8. **Negates planned obsolescence** - creative recycling through the artifice of ingenuity
9. **Changes the way we see 'how to' manuals inc. those for the workshop, kitchen, home & gardening.** These & other grey literature, such as product use instructions, now have a status equivalent or senior to a Pulitzer prize & there should be the equivalent thereof, show & tells also increase in potency.
10. **Can deal with the psychological knockbacks & scars** from trial & error's & rub outs from poor service from suppliers
11. Regularly directly **relates their day to day activities to the big picture** - the Zen of the job
12. Someone who can **take direct personal responsibility for getting a job done/solving a problem** not leave it to someone else or the Government or what ever
13. An approach committed to **helping others** through mutual-aid rather than making a personal fortune first
14. An approach using mentoring, mimesis, dexterity & mutual aid to help **learning**
15. **Part of a lost history** so we know it can work & **strong futures potential** so we need it to work now for our children's sake (Saturn 5 was the end of the Artificer era!?)
16. To end up somewhere different to where we are today we have to start somewhere else that is a **different epistemology** i.e. mindset & the Artificer mind set is one such start position
17. **From the silences** - in that innovation is given back to the people esp. women - everyday ingenuity - the silent majority - not the elite or experts, people such as women, gardeners, tinkerers, cooks, Oshkosh etc.
18. Who else can respond directly to **today's imperative challenge of Moral Philosophy** 'how then should we actually live together today for a better world tomorrow for our children?'

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Table 1: Megatrends: Linking **Artificer Learning with the 12 Megatrends of The Second Enlightenment** from <http://www.2enlightenment.com/sessions.htm>

The Concept of Second Enlightenment Clubs: Nature adapts to change and works to build **complexity by connecting networks of small nodes**. This same principle undergirds the foundation of the network of Second Enlightenment Clubs that are evolving throughout the US and other countries. The following are twelve megatrends that we think key to understanding the future. Each SEClub will determine the interactive impact of these megatrends and others that will form an emergent context for our 21st century societies. Contact Rick Smyre at rlsmyre@aol.com if you would like to have the material that is provided for each SEClub to begin an initial dialogue.

Megatrend 1 Oil Production will peak within ten to thirty years, requiring a shift to complete new energy methods.

Megatrend 2 The limits to traditional representative democracy are appearing because of the increasingly complexity of society, the overwhelming amount of information of real time media, and need for big money to be re-elected.

Megatrend 3 The increasing symptoms of global warming are becoming obvious in many different ways.

Megatrend 4 Unknown viruses and resistant bacteria are emerging that are untouched by existing medicines.

Megatrend 5 Conflict between the trends of aging in the developed world and the increasing numbers of youth in the developing world creates an economic and social time bomb.

Megatrend 6 There is an ongoing severe reduction in biodiversity throughout the world.

Megatrend 7 We are approaching a moment of 'technological singularity' when runaway advances outstrip human comprehension and all our knowledge and experience becomes useless as a guidepost to the future.

Megatrend 8 The future vitality and sustainability of the economy and society will be dependent on the ability of leadership to develop cognitive complexity and continuous innovation in the capacities of the citizens.

Megatrend 9 There will be an increasing clash of civilizations and rise of terrorism.

Megatrend 10 There are three economies in churn at the same time: a) Last stages of the Industrial Economy b) Twenty year transition stage called the Creative Knowledge Economy. c) The early stages of a Web/Networked/molecular Economy

Megatrend 11 National borders increasingly will be seamless.

Megatrend 12 Artificial intelligence is emerging which, when combined with biotechnology and nanotechnology, may very well transform the concept of what it means to be human.

Table 2: Linking **Artificer Learning with the 14 Organising Principles of Communities of the Future** from <http://www.2enlightenment.com/sessions.htm>

Molecular Society	
1. Systemic	8..Generative Development
2..Concomitant Good	9..Parallel Strategic and Ecological Planning
3..Synthesis & Generation - combining thinking & doing	10..Elegance in Complexity - Interface
4..Dynamic Adaptability & Creactive evolvability	11..Truth and (self) Discovery Coexist - exemplar project
5..Connective Analysis	12. Futures Generative enactive Dialogue - acting ahead wisely
6..Transformative Learning	13. Concept of Applied Appropriateness - embedded, embodied and emboldened, appropriate tech - artificer
7..Balance of Values	14. Knowledge Democracy