



Zoom-UP #1

Assimilation Tools + Skill Sets lay the foundation for **Intellectual Competency** during the Age of Automation — *and Beyond*.

Without Assimilation Tools + Skill Sets

— we have no way to learn How-to expand our Intellectual Capabilities and Competencies sufficiently to become Age of Automation **Adept-Adaptable**.

We cannot control the world around us or the people in it — however, we can control our reaction to either or both, while upgrading our Competitive Capabilities and preserving an acceptable range-of Options and Opportunities.

Managing our “**Attitude**” controls our Options and Opportunities. Attitude is a total exercise in Free Will. Our Attitude is generated by our Perspectives, governed by our observable, useful Aptitudes that can be improved, enhanced, expanded — depending on our fortitude.

All Human **Learning + Thinking + Doing** is based on the health + condition + capabilities + competencies of our Physique + Physiology + Intellect + our Genetically-inherent Cognitive/Ambient Intelligence + our Culturally acquired Assimilation Tools and Skill Sets + our learned Intellectual Tools and Skill Sets + our experience-based **Intellectual Acuity** that determines our Adaptability to simultaneous respond-to the 21st Century’s Environmental + Social + Industrial + Political Evolutions.

NOTE: Zoom-UP #1 is the most time-consuming Zoom-UP since you have to make up for 12–16 years of denigration of your natural capabilities and competencies by being immersed in America’s Matriarchal, Cognitive Intelligence, Schooling Matrix.

The 21st Century’s Age of Automation is

introducing us to a 4th Industrial Revolution, driven by Digital Transformation and Computers, and its enforcer the 6th Intellectual Reformation that-will-be driven by Ys-Quantum-Artificial Intelligence => for which Cognitive Intelligence-based **Matrix Prepped** Americans could not be more ill-prepared.

It’s back to-basic **Intellectual Basics Time** or-else the Promise of America will be buried in the Sands of Time.

We are already standing in a very large Hole. (So says U.S. Trade Deficits + multiple Debts + Inflation + Obesity, Drugs, Rancor and Violence that speaks to American’s poor mental health, the inequitable concentration of Wealth, and lack-of Lifestyle Equitability.)

When you don’t know the Rules or the Language or How-to Communicate, you can’t play the game to-Win. The Winning Premise is to work Smarter, not Harder.

Rancor and Depression are Products of **Fear**. Fear is a Product of **Ignorance**. Ignorance is a Product of inadequate preparation for an independent, satisfying adult life.

To become an **Adaptive Winner** DIY — Your Mentor is Ys-Round Table Sessions. Your Coach is Retrac.com. Your Trainer is Google. Your Finish is up to you!

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Did you Know?

We have 3 Levels of DIY-built Memory Banks.

- 1) **Detail Memory** = single subject – range based on use – last in first out – Age 1+ ? > **Cog IQ** = Cognitive Intelligence
- 2) **Relational Memory** = range based on Subject and use – Age 12+ ? > **Am IQ** = Ambient Intelligence
- 3) **Contextual Memory** = range based on Application – Age 16+ ? > **Intel IQ** = Intellectual Acuity

There are 3 levels of-Smart

Steve Jobs, “Memorizing has very little to do with Intelligence. Smart people make Connections.”

- **Cog IQ** = Cognitive Intelligence: Compliance, conformance and incremental inference Progress based-on Plagiarized Competence. (Left-Brain functional – Right-Brain dormant)
- **Am IQ** = Ambient Intelligence: Anticipates + Accommodates + Adapts + Adopts based-on SciTech Principles and Empirical Perspectives, tempered on the Anvil of experience. (Right-Brain functional - Left-Brain Slo-mo)
- **Intel IQ** = Intellectual Acuity: Can Convert Evolving A.I. Conceptually + Collaboratively in-Context into productive + constructive + rewarding behavior. (Right-Brain functional - Left-Brain Sporadic)

All of us will be impacted by Artificial Intelligence, eventually. Accommodating the 6th Intellectual Reformation’s Requisite-need for Building intellectual-Adaptability — Starts with a DIY-Personal Strategic Plan.



There are 8 basic Knowledge Management Tools

Knowledge and Information/Data are not the same. Knowledge has application. Data doesn't. Being Smart is not about how-much Knowledge you have but what you can-Do and Do with the Knowledge you have.

Managing/Manipulating/Massaging — Knowledge: The Physiology of Intelligence.

- 1) How-to separate Fact > from Fiction > from Fantasy > from Speculation > from Hope.
- 2) How-to identify self-serving – self-interest – self-centered – Perspectives.
- 3) Postulates = What is the least you need to know about something in 72 words or less.
- 4) 5-Whys = Cause and Affect related to known Consequences – Sakichi Toyoda + Taiichi Ohno = Toyota Motor Company.
- 5) Waigaya = collaboration that builds better Critical Paths – Soichiro Honda (Honda's

founder + Takeo Fujisawa = Honda Motor Company)

- 6) Big Picture = The contributing components of a Concept in Context represented by Dots – J. Comer
- 7) MBO = Strategic Planning for doing anything – Peter Drucker's > *Management by Objectives*
- 8) Strategic Critical Paths = the most efficient way to get from here-to-there or to-build anything – defined/delineated by J. Comer

NOTES: Attending a lecture is the most inefficient way to acquire knowledge, with the exception of watching a lecture on TV. The Human Brain is capable of processing 1,200 wpm. Lecture speech is about 100 – 120 wpm. Our Brain gets bored listening to slow speech and wanders about 60% of the time. Teachers should frame their Discussion as a Premise to give their students a Theme to hang Data on.

START a DIY-Personal Strategic Plan

Personal Attributes:

- 1) What are my Intellectual Assets and Liabilities. Which can I enhance? Which can I fix? Which do I have to dump?
- 2) Can I comprehend *Psychosomatic* in its original definition that recognizes a link between Mind and Body, and-that our best friend for staying in good health is our Vitamin D and Perspectives — *Immune System*. We should always try to walk on the Sunny Side of the Street. (Check out Willie Nelson's version)
- 3) My Physiological Aptitudes? + Attributes? + Attitudes are: _____ (list)
- 4) My Physical – Intellectual - Social - liabilities are: _____ (list)
- 5) Where do I want to go? _____ (describe)
How can I get there? _____ (describe)
- 6) What will I have to know? _____ (list)
What will I have to-be-able to Do? _____
- 7) Where can I learn How-to? _____ (list)
How-do I get Certified? _____ (list)
- 8) Create a DIY Critical Path that can create traction in your Pursuit of Happiness. (Retrac.com presents several Critical Paths for reference.)

What you need to be able to do

Almost everyone can become an Adept

- **Articulate - Adapter** — in our Land of University-trained Cultural Clones, Pod-People and Banshees — by learning How-to Mitigate / Massage / Manipulate / Manage – our Human Capabilities + Competencies + acquire applicable-Knowledge by tuning-up our Physiology of Intelligence (aka: **Intellectual Acuity**). Applicable-Knowledge, Data and U.S. University dispensed Academic Gibberish are not bedfellows.

Becoming an **Adept - Articulate - Adapter** starts with replacing the-**3Rs** of the USA's K-12-16-20 Schooling Matrix (Rote, Regurgitate, Replicate, surmise) with Capabilities and Competencies. **Starts with:**

Tuning-up the 3 Components of our Human Physical Structure that innately influence our Intellectual Capabilities:

- 1) **Physique:** *effective, natural, above-normal* 1) Range of Motion. 2) Flexibility. 3) Coordination. 4) Balance. 5) Strength. 6) Hand and Eye Coordination (Cursive and Printing developed dexterity, also helps develop reading skills.)
- 2) **Physiological Functionality:** *fueling + maintaining + sustaining our body's physical Operating Systems*

Cardiovascular System: Delivers nutrients to our Physical components and the Oxygen that fuels our 4 Brains. Moderate Exercise can help. Increase you heart rate 20% for 12 minutes/ day 4 days a week = optimizes normal Blood Circulation rates and sweeps-out Vein and Artery vessels. Blood Oxygen Levels = 94%++

- 3) **Respiratory System** inhales/delivers the air we breathe that supplies the Oxygen that powers our Brains. Practice deep diaphragm-breathing 6-12 minutes / day 3 – 5 days a week to optimize Lung functionality. **AirPhysio** is a great tool for optimizing Lung capacity.

Tuning-up our learned Intellectual Capabilities: Intake (*applicable-Knowledge*) + Storage (*expansive Memory Banks*) + Indexing (*hierarchical, topical, relational*)

- **How-to separate:** Fact > from Fiction > from Fantasy > from Speculation > from Hope
- **How-to identify:** Self-serving > self-interest > self-centered — Perspectives. Your Own and Others!
- **How-to write Postulates:** What is the least you need to know about something (in 72 words or less)
- **Envisionary Principles:** The basis for building productive Perspectives.
- **5-Whys:** Cause and Affect related to known Consequences (Sakichi Toyoda + Taiichi Ohno = Toyota Motor Company)
- **Waigaya:** Collaboration that builds better Critical Paths (Soichiro Honda (Honda's founder + Takeo Fujisawa = Honda Motor Company)
- **A Big Picture:** The contributing components of a Concept-in-Context represented by Dots (J. Comer)
- **MBO:** Strategic Planning for doing anything (Peter Drucker's > Management by Objectives)
- **A Strategic Critical Path:** The most efficient way to get from here-to-there or to-build anything (tempered on the Anvil of Experience by JMC)

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Building 21st Century Top-Tier Employment Perspectives and Intellectual Capabilities/Competencies that earn Certification.
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"By failing to Prepare, you are preparing to fail."
Ben Franklin

Tuning up your Applicable Knowledge-base (*useful => Capabilities + Competencies + Truths and their Consequences*)

- 1) Societal + Personal Assimilation Skills.
- 2) How-to-become Adaptive rather than Addictive.
- 3) How-to-become Self-reliant rather than Dependent.
- 4) How-to-become an Individual rather than a Pod-Person.
- 5) How-to-become a unique, independent American rather than a member-of one-of America's collection of unrelated Cultural Communities residing in the USA and living-off each other.
- 6) How-to-Pursue *personal Happiness* by keeping their Options and Opportunities => Open. Generally involves comprehending/ helping someone else pursue their personal Happiness — Collaboratively.

Plus: All of our Mental/Intellectual Capabilities are dependent on our **Physiological Functionality**. (Roger Sperry, Cal Tech, Nobel Prize in Medicine and Physiology, 1981: Left-Right Brain Balance, et al.)

The Journey across the A.I. Bridge to PrecoCity, is paved with "Postulates"

A "**Postulate**" is a single Statement of 72 words or less that answers 4 questions. What is It? What does it do? How does it do it? Why should I care? Creates Envisionary Principles. (aka: Memory Triggers)

Write your first "Postulates"
Why are you learning each of these?

- Our **Communication Tools**: Speak + Read + Write + Articulate at SciTech's Augmented Reality Levels! How-to Listen = hear-sort-catalogue + Recall on-Demand + Collaborate what is being said in-Context. Speak English at 160–200 wpm, clearly-distinctly without cultural/regional sounds. Write English – conversationally. Read at 320–400 wpm with an 80% comprehension rate and a 60% on-Demand recall rate.
- Our **Communication Skill Sets**: How to arrange appropriate Content progressively > in priority order with justification for perspective potential consequences, good and/or bad — possible solution/resolution and why you should care.
- Our **Calculating Tools**: Arithmetic + Mathematics + Science that can help us Calibrate the Possible vs. Probable so we can tangibly evaluate Options and Opportunities and make comparative judgments. Starts-with memorizing the multiplication tables, mentally estimating percentages, conversion of Metrics to Imperial measurement, and knowing the difference between Arithmetic and Mathematics. It Matters! **Science** > What is! + **Mathematics** > How it works (Formulas) + **Arithmetic** = tangible: evaluation / comparison / application = making comparative judgments.
- Our **Calculating Skill Sets**: Estimating + Evaluating: + need-to-know – What? + Need to-be-able to-Do? How-to recognize most-of the "Dots" that should be connected to build a big picture of a Concept-in-Context.
- Our **Contextual Skills**: Applying Empirical Pointillism = connecting the Dots to build Contextual Big Pictures of our immediate/ potential situation + circumstance — indicating options + opportunities.
- Our **Participation Tools**: Comprehend Concepts-in-Context + Truths and their Consequences.
- Our **Participation Skill Sets**: Socializing Skills.
- Our **Recall On-Demand Skills**: Convert Truths and their Consequences into Envisionary Principles.
- Our **Integration Skills**: Collaborative capabilities. Originate + initiate + implement + incorporate.

Add to each Postulate:

- A situation or circumstance where your Envisionary Principle might be useful.
- How-to use them in order to-fit-blend-prosper in the Relational + Social + Workforce, while retaining you individual identity and protecting your Civil + Legal + Social Rights.



The #1 Requirement = Superior Communication Skills

The #1 Requirement for Top-Tier employment during The Age of Automation is superior **Communication Skills**, which facilitate participation + contribution + cooperation + Collaboration = Socialization. Depends-on How-others Perceive-you. (Ronald Reagan once said: "The thing about 'Sincerity', once you can fake-it you've got it made.")

In-Person Communication Skills: Visual+ Sound + Pantomime

- **Visible** = Appearance + Projection + Presentation: How-we Stand + Move + Appear + Sound
- **Speech** = Speak American English at 160–200 wpm (*words per minute*), clearly-distinctly, without Dialect or Cultural Euphemisms.
The current understandable speech record is 600+ wpm. Audio Books and TV Weather is delivered at about 160 wpm. University Debate Teams members speak at 300–360 wpm. Print to Speech Decoders deliver Speech to audience at 150 wpm.
 - *Appropriate Vocabularies*: Social = 2,400+ words + Workplace = 2,400+ words = 4,800+ words
 - *Active Listening* = comprehending what is being said. Ask questions that clarify.
 - *Modulate Tone* = the sounds of participation.
 - *Demonstrate Prioritizing + Cataloging perspectives* = by separating Belief - Fact – Fiction – Fantasy – Useful – Applicable
 - *Show respect for useful perspectives* = Analysis, Cataloging, Recall

- **Hearing**: Do we listen? We can hear speech at 1,200 wpm. However, can we comprehend + categorize + catalogue + recall — What we hear?
- **Listening**: Comprehend, respond and record what is being said in-Context
- **Pantomime**: Body Language = Appearance > Dress > Posture > Tics-and-Tells.
- **In-absentia/Remote Communication Skills**:
 - *Pictorial*: illustrating situations of circumstances, typically emotional
 - *Graphic*: comparative or representative.
- **Graphics**: that convey Applicable Knowledge = Ys-Quantum-A.I.
 - *Reading*: incoming outgoing communication that exchanges information, knowledge, perspectives
 - *Writing*: Cursively, Printing, Typing outgoing communication that exchanges information, knowledge, perspectives
 - *Excerpting* > *sorting/parsing/prioritizing* what we read = highlighting + notes in the margin
 - *Reading Vocabulary*: 4,800+ words
- **Articulation**: communicate clearly, concisely, appropriately
- **Engagement**: in a common vernacular. Offer Digressions that Stay on Point.
- **Vocabulary**: speech sounds/words that have consensus meaning.
- **Demonstrate apparent Intellectual Acuity**: establish Context and Concepts and encourage Collaboration.

Actually, **Reading** is the first of six Scholastic Tools and Scholastic Skill Sets **necessary** to acquire the Intellectual Tools and Skill Sets to build the **Intellectual Acuity** necessary for Top-Tier employment during America's Age of Automation. Superior Scholastic Tools and Skill Sets can build competitive Age of Automation Intellectual Tools and Skill Sets. Everyone can learn How-to via Evolving A.I., if properly Tutoed/Mentored => Read at 360–480 wpm with an 85%+ Comprehension rate, a 60%+ Retention-rate, a Recall-on-Demand rate of 90% of the 60% Retention, and Write conversational, American English.

Learning **How-to-Collaborate** is the ultimate-test of our Human Capabilities. Collaboration is the foundation for successful mixed-gender relationships during the 21st Century, where "**equitable**" must replace today's ill-conceived **equality**.

- **Calculating**: Our Situation Circumstance and weighing our Options and Opportunities = Cost Benefit Analysis.
 - *Arithmetic* > the counting system we use to make quantitative judgments
 - *Mathematics* > formulas for finding relational values of structural physical relationships
 - *General Science* > Principle-based Concepts parsed by Disciplines that explain our Physical World
 - *Psychology* > Feelings-based emotional-guessing, sans Common Sense

Certified? You can submit your work to Scholastic Engineering for comment or simply demonstrate your capabilities during an interview.

