

# 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 Functional 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!

— Page 1 of 5 —



# 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+ ? > **Fun IQ** = Functional 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)
- **Fun IQ** = Functional Acuity: Can Convert Evolving AI 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: **Functional 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)



**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-AI
  - *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 Functional 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 **Functional 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 AI, if properly Tutored/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.

— Page 5 of 5 —

