

# IDEAGRAMS

LESSON ONE

INTRODUCTION

1979 OVER-VIEW

- IDEAGRAMS:
- THINK VISUALLY
- CONCENTRATE
- ANALYZE CONTENT

## LESSON ONE

SPECIAL REPORT  
FROM  
1979 IS ON THE  
FOLLOWING PAGE

IT IS AN EARLY  
INTRODUCTION TO  
MY WORK AND A  
GOOD  
DESCRIPTION OF  
HOW IT BEGAN

1979 “This is Technology  
Update” John Joss reporting  
from Silicon Valley, world  
headquarters of the 21st  
century

# 1979

TECHNOLOGY  
UPDATE WAS A  
SHORT RADIO  
PRESENTATION THAT  
INTRODUCED  
VARIOUS PEOPLE  
AND IDEAS TO THE  
GENERAL PUBLIC

WE WILL SEE SOME  
OF THE CHARTS THAT  
ARE DESCRIBED IN  
THIS REPORT

**#170**

**This is Technology Update.**

**John Joss reporting from Silicon Valley, world headquarters of the 21<sup>st</sup> century.**

**Can technology help human life? For those who see high technology as a destroyer, here's an unusual story from KPEN listener Dennis Starkovich of Palo Alto. Dennis uses the so-called PERT/CPM or "critical path" method of planning, to do all sorts of problem solving. He's a management consultant, but a very hip one.**

**Dennis' network analyses have been applied to all the traditional businesses for scientific and management problem solving. Also, happily, to schoolroom learning, to help teachers and students tackle short and long-term problems in – would you believe, kindergarten. The resulting network is one of the most charming and provocative documents I've seen in ages. It's identical in concept to approaches used by high-technology companies to build new plants, launch new products, put men on the moon. But perhaps the most interesting and personal example that Dennis sent me is a network of the movements used in Tai-Chi, the well known Oriental exercise, meditation and dance concept.**

**If you'd like to learn more about these analytical methods, call Dennis at his Palo Alto office. He's a professional and technologist, but one with a lot of heart. I thank him for giving me the word to pass on to you. I'm John Joss.**

**RADIO STATION KPEN**

**LOS ALTOS, CA**

**1979**

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THIS IS THE SAME  
INFORMATION  
PRINTED IN A LARGER  
FONT

- John Joss reporting from Silicon Valley, world headquarters of the 21<sup>st</sup> century.
- Can technology help human life ?
- For those who see high technology as a destroyer, here's an unusual story from KPEN listener Dennis Starkovich of Palo Alto.
- Dennis uses the so-called PERT/CPM or "critical path" method of planning, to do all sorts of problem solving.
- He's a management consultant, but a very hip one.
- Dennis' network analyses have been applied to all the traditional businesses for scientific and management problem solving.
- Also, happily, to schoolroom learning, to help teachers and students tackle short and long-term problems in – would you believe, kindergarten.
- The resulting network is one of the most charming and provocative documents I've seen in ages.

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- If you'd like to learn more about these analytical methods, call Dennis at his Palo Alto office.
- He's a professional and technologist, but one with a lot of heart.
- I thank him for giving me the word to pass on to you.
- I'm John Joss.
  - RADIO STATION KPEN
    - LOS ALTOS, CA
      - 1979

## LESSON ONE

THESE  
QUESTIONS  
WERE USED  
FOR AN 8<sup>TH</sup>  
GRADE CLASS  
INTRODUCING  
THESE  
CONCEPTS

ANSWER THEM  
YOURSELF  
BEFORE YOU  
LOOK AT THE  
NEXT PAGE

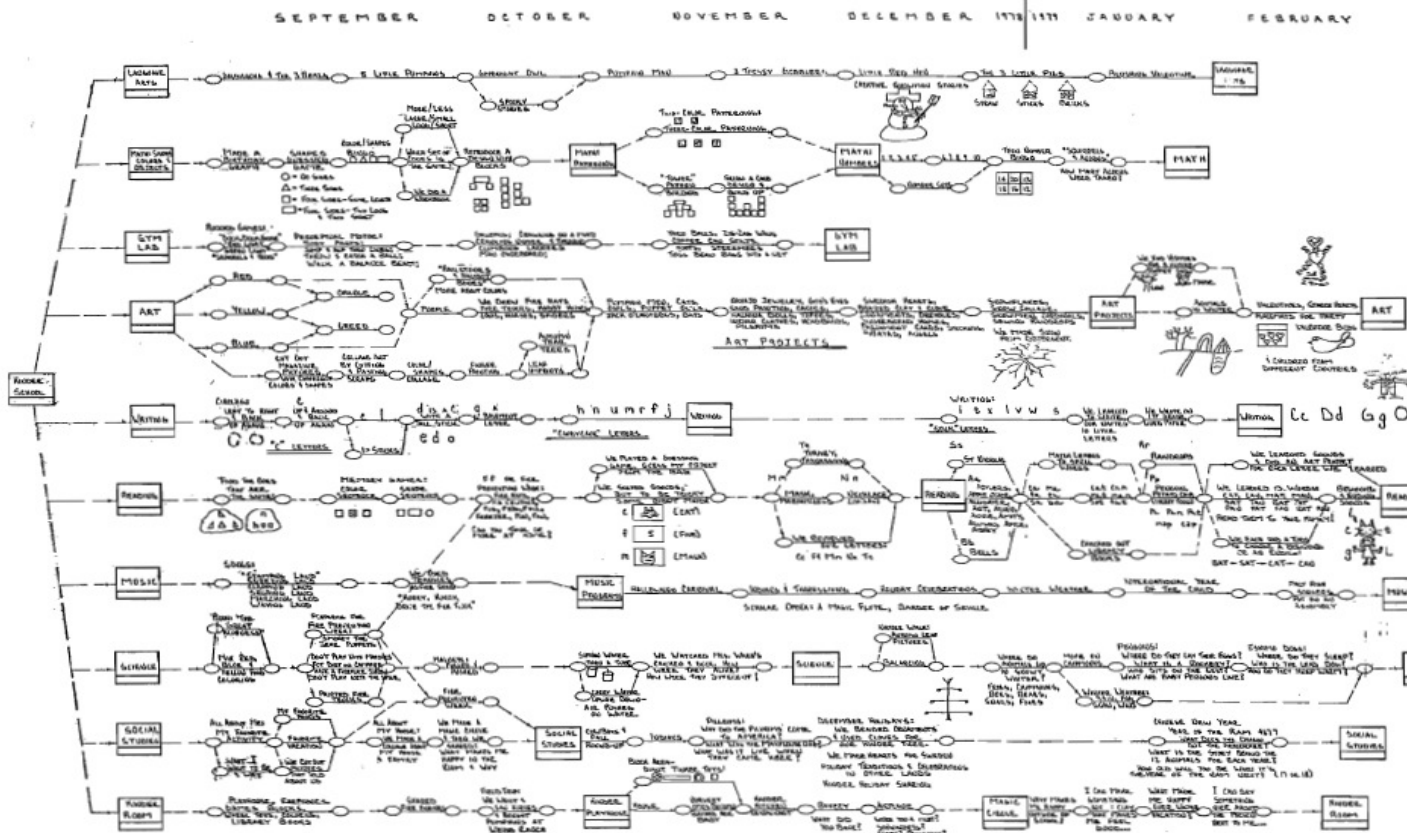
Describe to yourself what this process sounds like.

What kind of images does it bring to mind ?

Does it make you wonder what a Kindergarten chart might look like ?

Look at the next page .....

THE DEVELOPMENT OF THIS CHART IN 1978 WAS VERY SERENDIPITOUS. EACH WEEK ZED'S TEACHER WOULD SEND A SMALL MIMEOGRAPHED (REMEMBER ?) PIECE OF PAPER TELLING WHAT THEY DID DURING THE WEEK. I DON'T KNOW WHAT INSPIRED ME BUT I GRADUALLY CONSTRUCTED THE CHART BELOW WHICH IDENTIFIED THEIR PROGRESS OVER THE COURSE OF THE YEAR. I USUALLY POINT OUT THE EXAMPLE OF THE BOX TITLED "WRITING" IN THE MIDDLE OF THE PAGE, WHICH SHOWS HOW THEY FIRST LEARNED CIRCLES (FOR "O" AND "C") AND THEN STICKS, AND THEN THE "CANDYCANE" LETTERS.



- zed
- Tamlin
- Tom
- Patton
- Ellie
- Andrew H.
- Georgie
- Derek
- Laura
- Dana
- Helmut
- John
- Leighton
- Amity
- Sean
- Carey
- Stefanie
- Matt
- Jenifer
- Colin
- Katie
- Andres B
- Tob
- Kevin
- Emily

**KINDERGARTEN CHART**  
 Ms GARY LOBBOCK -  
 TEACHER

FROM DENNIS & ZED

DENNIS STARKOVICH MANAGEMENT CONSULTANT

PERT - Program Evaluation and Review Technique

CPM - Critical Path Method

Post Office Box 50383 - Palo Alto, CA 94302 (415) 321-4400

SORRY THAT THIS IS DIFFICULT TO READ ... YOU CAN SCROLL TO ENLARGE IT AND GET THE IDEA ..... IT WAS ON A LARGER FORMAT .....

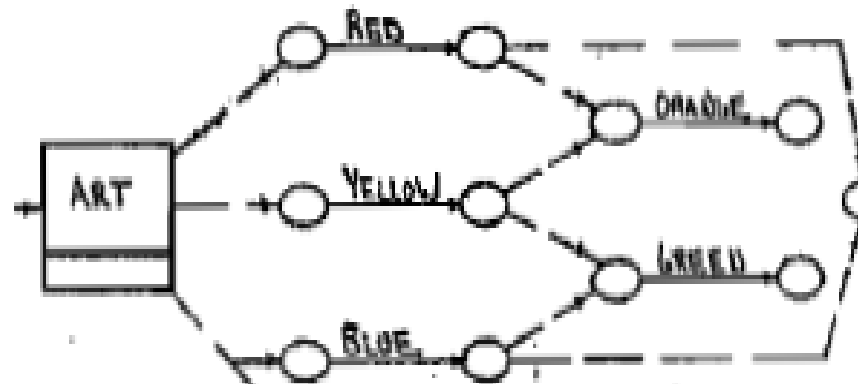
## WRITING: CIRCLES, STICKS, CANDY CANE LETTERS

**WRITING:** THEY FIRST LEARNED CIRCLES (FOR C AND O); THEN STICKS FOR L AND A STICK AND A HALF CIRCLE BECAME A "D"

THEN THEY LEARNED THE "CANDY CANE" LETTERS

**ART:** ILLUSTRATING THAT RED AND YELLOW (WHEN COMBINED) MAKE ORANGE

AND THAT YELLOW AND BLUE (WHEN COMBINED) MAKE GREEN





# TAI CHI

THESE ARE THE DRAWINGS ABOUT TAI CHI THAT I SENT TO JOHN JOSS FOR TECHNOLOGY UPDATE IN 1979

7/78  
TAI CHI  
①

BEGINNING  
TO TAI CHI  
(PRONOUNCED  
TIE .TEE)

FACE NORTH  
(PICK A DIRECTION;  
THE MOVEMENTS ARE  
MOSTLY N-S-E-W;  
NW-SW-NE-SE)

TOO GENERAL  
TO SPECIFY  
SUITABLE  
REQUIRE

HEAD UPRIGHT  
EYES FACING  
FORWARDS

TOES POINT  
STRAIGHT AHEAD

ARMS RISE  
SLOWLY FORWARD  
IN AN ARC TO  
SHOULDER HEIGHT;  
(ARMS SLIGHTLY BENT,  
NOT STIFF;  
WRISTS STRAIGHT)



FEET SHOULDER-  
WIDTH APART;  
KNEES BENT  
SLIGHTLY

ARMS... HANDS  
LOOSELY AT SIDES;  
PALMS FURVED (LIFT BENT)  
& FACING DOWNWARD

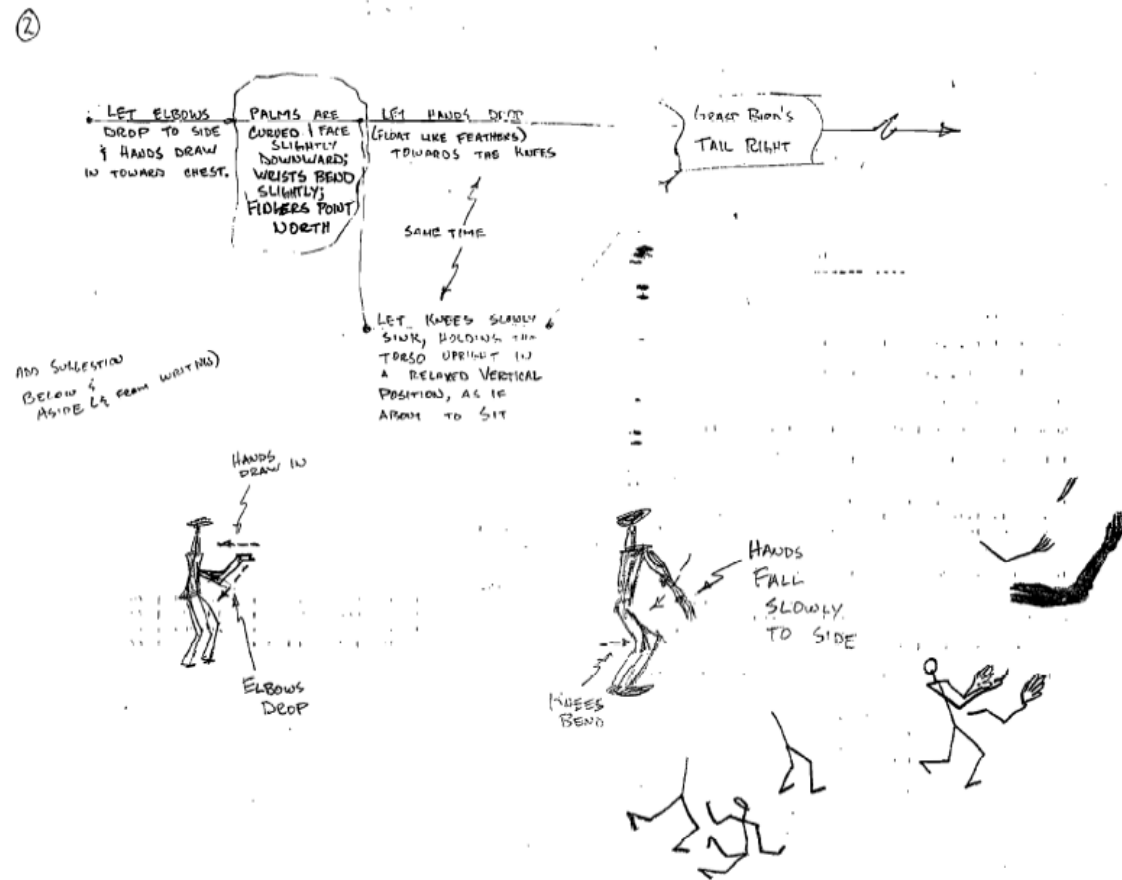
TAIJI (TAI CHI) MEANS GRAND ULTIMATE OR GRAND EXTREME. QUAN MEANS FIST. TAIJIQUAN (TAI CHI CH'UAN) IS A MARTIAL ARTS SYSTEM WHICH EMPLOYS THE CONCEPT OF TAIJI - TWO OPPOSITE BUT RECIPROCAL ENERGIES (YIN AND YANG) THAT WORK TO IMPROVE ONE'S PHYSICAL ABILITIES AND MENTAL CONCENTRATION, FOCUS AND BALANCE IN SPORTS, PERFORMANCE, MARTIAL ARTS AND LIFE.

TAI CHI HAS A SIGNIFICANT RELATIONSHIP TO THE YI JING (I CHING) THE CHINESE BOOK OF CHANGES EACH MOVEMENT IS RELATED TO A PARTICULAR HEXAGRAM OF THE I CHING.

1978

## TAI CHI

MORE OF THE  
DRAWINGS ABOUT TAI  
CHI THAT I SENT TO  
JOHN JOSS FOR  
TECHNOLOGY  
UPDATE IN 1979

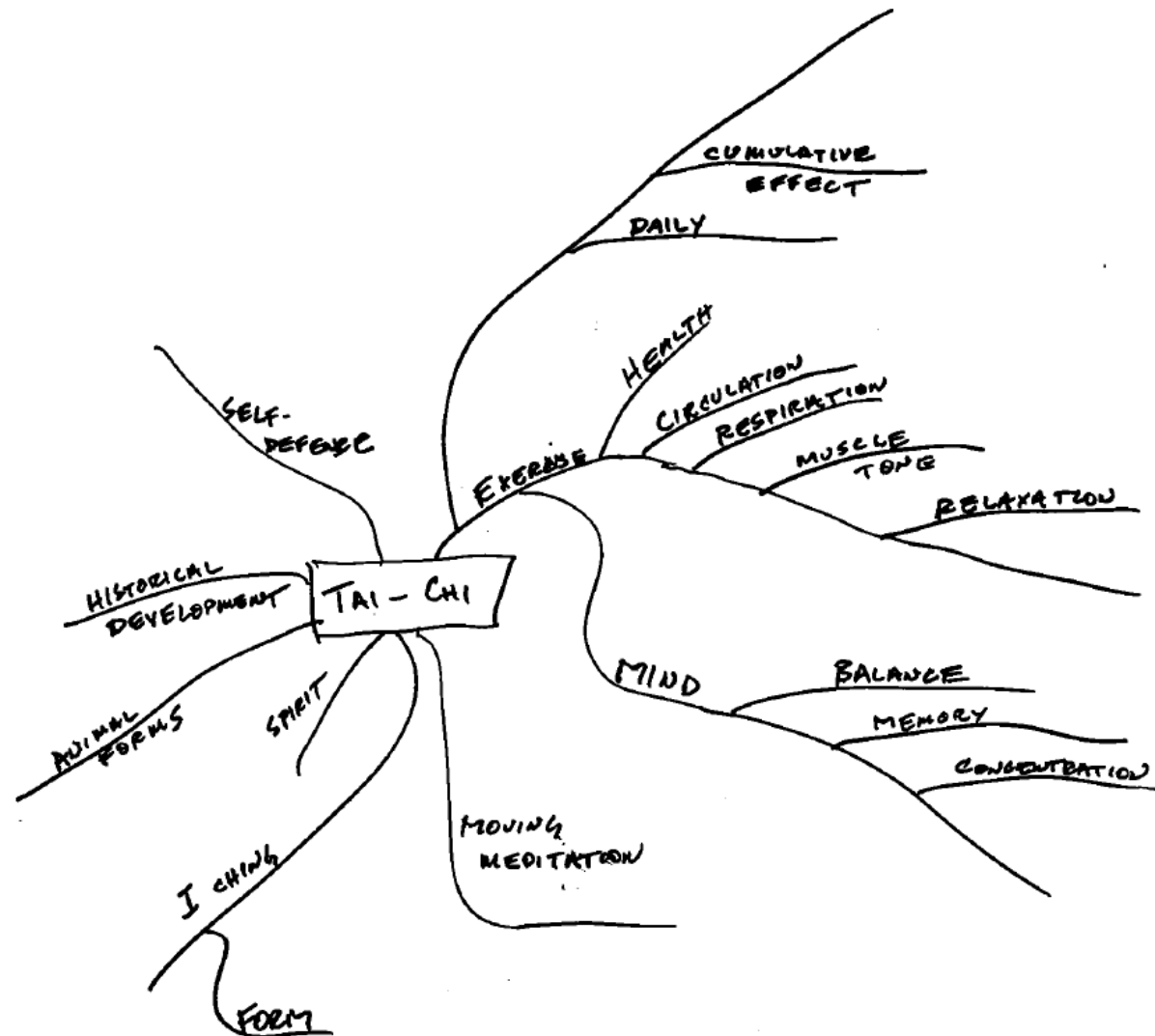


## TAI CHI

HERE'S A DRAWING OF TAI CHI CONCEPTS USING THE "MIND MAP" FORMAT

A DISTINCT DIFFERENCE BETWEEN MIND MAPS AND IDEAGRAMS IS THAT AN IDEAGRAM IS MEANT TO BE READ IN A LOGICAL MANNER, FROM LEFT TO RIGHT AND TOP TO BOTTOM

"MIND MAPS" ARE MORE OF A BRAINSTORMING TECHNIQUE THAT ALLOWS YOU TO PUT IDEAS ONTO A PIECE OF PAPER (OR INTO A COMPUTER) WITHOUT REGARD TO ORDER OR SEQUENCE



## END OF LESSON ONE

THIS CONCLUDES  
THE INTRODUCTION  
AND PRESENTATION  
OF BACKGROUND  
INFORMATION

THESE QUESTIONS  
WERE FOR THE 8<sup>TH</sup>  
GRADE CLASS BUT  
I'D ENCOURAGE  
ANY VIEWER TO  
THINK ABOUT THEM  
AND, IF  
INTERESTED, LET  
ME KNOW

TRUTH IS WHERE  
YOU SEARCH FOR  
IT .....

Name subjects of interest: start and keep a list of interesting subjects.

What are the categories that are most interesting to you?

Let me know if there is something of interest that might be among my charts.

Or start and make an IdeaGram of your own that you can share.