

=====
MICROSEP Software Collection Volume I
=====

These disk images are made from a group of 5.25" floppy disks that found their way into my hands a couple of years ago. They were in remarkably good condition overall and most read on the first try - they were manufactured sometime around 1989 for the ILCE and COEBBA school programs in México. The MicroSEP systems had been distributed all over the country to public Middle and High School level schools, the computers had the particular trait of being a clone of the Tandy / Radio Shack Color Computer line (CoCo 1/2 & 3 variants).

Programs at first were distributed on cartridges but were soon sent out on floppies. The collection here spans Middle-School subjects on Spanish and Mathematics; all rely heavily in 256x192 high resolution graphics, some limited animation and are better suited for use in the classroom as support material for text books and the teacher's expositions.

This document serves as an English translation of the disk labels, providing some notion of the content and intent of each program; some terms might get slightly lost in translation but should be close enough to convey the idea of the subject.

This collection is called "Vol I" as it is the first to be cataloged. There are currently no more software finds to process and it is very unlikely more will come my way. If they do then a Volume II will be certainly published.

R Perea, February-June 2026

\*\*\*\*\*

Some programs might be larger than the free space after loading from disk. free RAM might no be enough. Some disks containa a program named CONTROUT.BAS which I assume does the magic of de-mapping DECB's ROM and relocates the memory available for BASIC. In my experience this doesn't work on an ADOS based CoCo, even after DISABLE. There is also another loader named CONTROU2.BAS that when RUN it states it is intended for use with the MicroSEP Version 3 - the CoCo 3 clone... didn't work on my setup (also ADOS based and disabling ADOS3 didn't work).

\*\*\*\*\*

-----

Disk E001 A Spanish

- 1. EA1-D005 The Language as the most effective means of communication
2. EA2-D035 Some characteristics of the Language
3. EA2-D095 Diverse Classes of Statements
4. EA2CH135 The Tale, The Legend and The Fable
5. EA3-D125 The parts of Oratory and their respective cores.

Disk E001 B Spanish

- 1. EB1CH075 The Chinese Classic Literature
2. EV1CH085 The Literature of India
3. EB2-D045 Coordinated Oratory
4. EB2CH065 The Literature of Mesopotamia
5. EB2CH075 The Literature of Egypt
6. EV2CH095 The Hebrew Literature

Disk E002 A Spanish

1. EC1-D065 The Adjective as a Language embellishment
2. EC1-D075 Adverbial phrasing
3. EC2-D075 The Infinitive and the Participle
4. EC2-D085 The Present Participle
5. EC2-D095 The Passive Voice

Disk W002 B Spanish

1. EC3-D055 Irregular Verbs
2. EC4CH005 The Modernism
3. EC4-D045 Prepositional Nexus

Disk E003 A Spanish

1. EC5CH045 The Lyric of the XX Century
2. EC5-D055 Actual Importance of Spanish
3. EC6CH005 The Narrative of the XX Century
4. EC5-D065 Diachronic Process of a Language
5. EC7CH005 Contemporary Literature of México

Disk E003 B Spanish

1. EC7-D005 Importance of Native Tongues in México
2. EC7CH055 The Essay as a Didactic Genre
3. EC8CH005 Theater Genres
- 4, EC8CH025 Integral Elements of Theater

Disk 5 Side A IT Workshop

1. CAPAC05 Tutorial program

Disk 5 Side B IT Workshop

1. 2MINBASE6 Mini Database Program
2. HOJAD Spreadsheet Program

Disk M001 A Mathematics

1. MC1-01015 Conditional or Implicated Relationships
2. MC1-01025 Bi conditional Relationships
2. MC1-02015 Groups Inclusion and Equality
4. MC1-01005 Groups Logic Implication and Inclusion
5. MC1-02005 Groups Logic Equivalence and Equality
6. MC1-GLOB5 Unit One Presentation and Evaluation

Disk M001 B Mathematics

1. MC1-EJER1 Groups and Logic Exercises
2. MC2-01015 Polynomial Factorization
3. MC2-01025 Squares Differences
4. MC2-01035 Common Term Binomials
5. MC1-02015 Perfect Square Trinomial
6. MC2-02025 Common Term Polynomial Factorization

Disk M002 A	Mathematics
1. MC2-03015	Perfect Square Trinomial Factorization
2. MC2-03025	Squares Difference Factorization
3. MC2-03035	$x^2+bx+c$ form Trinomial Factorization
4. MC2-GLOB5	Unit Two "Factorization" Presentation and Evaluation
5. MC3-01015	Second Grade Equations identification as Quadratic Functions
6. MC3-01025	Complete and Incomplete Equations
7. MC3-01035	$ax^2+c=0$ form Equation Resolution
Disk M002 B	Mathematics
1. MC3-0300	Graphing Quadratic Equations
2. MC3-01A45	Solving $ax^2+bx=0$ type equations with factorization
3. MC3-01B45	Solving Equations with Factorization
4. MC3-02015	Solving Equations Completing the Perfect Quadratic Trinomial
5. MC3-02025	Deduction of the General Formula to solve a Second Degree Equation
6. MC3-03015	Tabulating and Graphing Quadratic Functions
Disk M003 A	Mathematics
1. MC3-03035	Graphic Solution to Second Degree Equations
2. MC3-02035	Problem resolution using Second Degree Equations
3. MC3-GLOB5	Presentation and Evaluation of Unit Three: "Second Degree Equations"
4. MC4-01015	Classifying Polygons by their angles and sides
5. MC4-01025	Classifying Triangles by their sides
6. MC4-02025	Triangle Congruence
Disk M003 B	Mathematics
1. MC4-03015	The internal angles of as Triangle
2. MC4-03025	Relationship between the sides and angles of a Triangle
3. MC4-01035	Triangle Classification by its angles
4. MC4-03035	Relationships between the sides of a Triangle
5. MC4-03075	Quadrilateral classification
6. MC4-01045	Quadrilaterals
Disk M004 A	Mathematics
1. MC402015	Postulation of the Three Cases of Congruency
2. MC402035	Proving the Congruency Postulates
3. MC404015	Pythagorean Theorem
4. MC4GLOBJ	Presentation and Evaluation of Unit Four Triangles and Quadrilaterals
5. MC501005	Straights and Segments of a Circumference
6. MC502005	Arcs and Angles of a Circumference
Disk M004 B	Mathematics
1. MC503015	Geometric place
2. MC503025	Geometric place and tracing with ruler and compass
3. MC5GLOB5	Unit 5 Evaluation "Circle"
4. MC601005	Scaling
5. MC601025	Scaling on Drawings, Blueprints and Maps

Disk MC005 A

Mathematics

1. MC6-02005 Similarity
2. MC6-03005 Thales Theorem, Similarity Fundamental Theorem
3. MC6-03035 Criterion of Triangles Similarity
4. MC6-04005 Homothety
5. MC6-05005 Indirect Distance Measurement
6. MC6-GLOB5 Presentation and Evaluation of Unit Six Similarity
7. MC7-01005 Base Trigonometric Functions for an Unitary Circle

Disk M005 B

Mathematics

1. MC7-01015 Sine Function of the Unitary Circle
2. MC7-01025 Cosine function of the Unitary Circle
3. MC7-01035 Tangent function of the Unitary Circle
4. MC7-02015 Sine function
5. MC7-02025 Cosine function
6. MC7-02035 Tangent function
7. MC7-02005 Base Trigonometric Functions for any given right triangle

Disk M006 A

Mathematics

1. MC7-03005 Problem resolution using Trigonometry Functions
2. MC7-03015 Practical problems with trigonometry functions
3. MC7-03025 Technical problems with trigonometry functions
4. MC7-GLOB5 Presentation and Evaluation of Unit Seven "Trigonometry"
5. MC8-01005 Statistics
6. MC8-01015 Statistic and Investigation

Disk M00 B

Mathematics

1. MC8-01025 Tabulation and Graphics
2. MC8-01035 Frequency Distribution Curves
3. MC8-02015 Probability formulas for Union and Complement
4. MC8-02025 Independent Events and Events Intersection Formula
5. MC8-02035 Statistics Inference
6. <C8-GLOB5 Presentation and Evaluation of Unit Eight "Statistics and Probability"

Disk M007 A

Mathematics

1. MBI-01015 Negation and Complement
2. MNI-01025 Logical Conjunction and Groups Intersection
3. MBI-01035 Logical Disjunction and Groups Union
4. MBI-01045 Logical Implication and Groups Inclusion
5. MBI-02045 Inclusion Presentation using Venn Diagrams
6. MBI-02055 Equality Presentation using Venn Diagrams

Disk M007 B

Mathematics

1. MBO-GLOB5 Evaluation of Unit One "Logic and Groups"
2. MBI-EJEL5 Logic Exercises
3. MB2-01015 Straight line rationals
4. MB2-01005 Group Q Formation
5. MB2-02015 Group Q Equivalency
6. MB2-02025 Order on Q

Disk 008 A                    Mathematics

1. MB2-03005      Problems using Additive System on Q
2. MB2-03025      Subtracting Rational Numbers
3. MB2-04005      Problems using Multiplicative System on Q
4. MB2-04025      Dividing Rational Numbers
5. MB2-GLOB5      Evaluation of Unit Two "Rationals"
6. MB3-01005      Expressions with Variables

Disk M008 B                   Mathematics

1. MB3-02025      Exponential laws
2. MB3-03025      Adding and Subtracting Monomials and Polynomials
3. MB3-03035      Multiplying Monomials and Polynomials
4. MB3-03085      Dividing Monomials and Polynomials
5. MB3-GLOB5      5Presentation and Evaluation of Unit Three "Monomials and Polynomials"
6. MB4-01015      Direct proportional variation

Disk M009 A                   Mathematics

1. MB4-01025      Inversely Proportional Variation
2. MB4-02005      Functions graphics
3. MB4-03005      Functions
4. MB4-04005      Linear Functions graphics
5. MB4-GLOB5      Evaluation of Unit Four "Functions"
6. MB5-01005      First Degree Equations

Disk M009 B                   Mathematics

1. MB5-02005      Applying Equality Properties to Solve Equations
2. MB6-01005      Two variable Equations
3. MB6-02005      Resolving Two Variable Equations
4. MB6-GLOB5      Presentation and Evaluation of Unit 6 "Equation Systems"Si
5. MB7-01005      Parallelism after translation
6. MB8-01005      Statistical Database

Disk 010 A                    Mathematics

1. MA1-EJEL5      Logic Exercises
2. MA1-EJEC5      Groups Exercises
3. MA2-01005      Natural Number Properties
4. MA4-03005      Factorial Decomposition

Disk M010 B                   Mathematics

1. MA4-04005      Obtaining Multiples
2. MA4-05005      Obtaining Divisors
3. MA7-01005      Coordinate System
4. MA8-01005      Processing Statistical Data

Disk N001 A                   Natural Sciences

1. NC1-04A25      Uniform Acceleration Movement I
2. NC1-04B25      Uniform Acceleration Movement II
3. NC1-04C25      Uniform Straight Movement
4. NC1-04A35      Energy, Work and Power I
5. NC1-04B35      Energy, Work and Power II
6. NC1-02A25      Taxonomic Group Animals
7. NC1-02B25      Taxonomic Group Vegetables I
8. NC1-02C25      Taxonomic Group Vegetables II

Disk N001 B	Natural Sciences
1. NC1-02C25	Unknown, disk label gone, program won't load
Disk N002 A	Natural Sciences
1. NC2-02A15	Electrification
2. NC2-02B15	Potential Difference
3. NC2-02A45	Induced Electrical Current I
4. NC2-02B45	Induced Electrical Current II
5. NC2-02A25	Condensers
6. NC2-02B25	Condenser Circuits
7. NC2-03A15	Electromagnetic Waves
8. NC2-03B15	Electromagnetic Spectrum
9. BC2-02C15	Electrical Field
Disk N002 B	Natural Sciences
1. NC3-02005	Jungle, Sabana and Monsoons Region
2. NC3-03005	Desert and Steepe
Disk N003 A	Natural Sciences
1. NC4-01005	Mixed Forest and Mediterranean Type Zone
2. NC4-03A05	Maritime Zones I
3. NC4-02005	Conifer Forest and Thundra
4. NC4-03B05	Maritime Zones II
Disk N003B	Natural Sciences
1. NC5-02005	Marine Mineral Resources
2. NC5-010A5	Metaluirgy
3. NC5-010B5	Marine Exploitation
4. NC5-01005	Metalurgy in Mexico
Disk N007 A	Natural Sciences
1. NC2-02C25	Coulomb's Law I
2. NC2-02D25	Coulomb's Law II
3. NC6-03055	Vitamins
4. NC6-03B25	Carbohydrates II
Disk N007 B	Natural Sciences
1. NC7-07075	Organic Functions
2. NC7-07005	Organic Matter
3. NC2-03A25	Einstein's Equation
4. NC2-03C25	Elements Transmutation
Disk N008 A	Natural Sciences
1. NC7 030A5	Radar
2. NC7-01015	Hereditary Laws
Disk N008 B	Natural Sciences
1. NC2-03A25	Atomic Energy
2. NC2-03B25	Atomic Structure
Disk N009 A	Natural Sciences
1. NC1-02055	Taxonomy Categories and Nomenclature

- Disk N009 B                    Natural Sciences
1. NA1-01005            Empiric and Scientific Knowledge
- Disk N011 A                    Natural Sciences
1. NB2-02005            Relation, Flower, Fruit, Seed and Plants Reproduction
- Disk N011B                    Natural Sciences
1. NB2-03005            Growth, Development and Sexual Diformism in Animals
  2. NB2-02005            Compounds Formation
  3. NB5-01005            Physical and Chemical Environment Conditions and their impact on living beings
  4. NB2-01015            Cohesion, Adherence and Capilarity
- Disk S001-A                    Social Sciences
1. SA2-03005            School Social Function
  2. SA3-01005            National Territory Integration
  3. SA3-02005            Mexico's Main Demographic Charasteristics
  4. SA4-03005            The Country's Economic Zones Main Demographic Charasteristics
- Disk S001-B                    Social Sciences
1. SB1-03006            Civilization Constitutive Elements Dynamics
  2. SB1-04005            The Main Forms of Transculture
  3. SB5-01005            Physical Charasteristics of the Greater Regions of America
  4. SB5-03005            Main Manifestations of the Mayan Transculture
  5. sb5-04005            Main Manifestations of the Mexica Transculture
  6. SB6-01005            Conquest and Colonization of the New Spain
- Disk S002-A                    Social Sciences
1. SC1-01015            Circumstances That Encouraged The Industrial Revolution
  2. SC1-01025            Consequences of The Machines in European Life
  3. SC1-02015            Main Liberal Revolutions
  4. SC1-02025            Main Workers Movements Inspired by Socialistic Ideology
- Disk S002-B                    Social Sciences
1. SC2-01005            Colonial Process of The West World
  2. SC2-01925            Colonization Consequences
  3. SC2-02155            Socio-Economic Trascendence of The Firsr Wolr War
  4. SC2 02A25            Socio-Economic Trascendence of TheSecond World War (Part One)
  4. SC2-02B25            Socio-Economic Trascendence of TheSecond World War (Part Two)
  5. SC2-GL0B5            Colonial Powers Confrontations
- Disk S003-A                    Social Sciences
1. SC3-01515            Political Charasteristics of The Developed Capitalistic World
  2. SC3-02025            Fioshing, Industrial and Commercial Development of The mModern Capitalistic World
  3. SC4-02025            Notable Fishing, Industrial and Comercial Socialist Countries
- Disk S003-B                    Social Sciences
1. SC5-01005            Third Worl Emergence
  2. SC5-01015            Causes and Consquences of Decolonization
  3. SC5-02005            Development Grade of Third World Countries
  4. SC5-02045            Factor That Can Accelerate The Development of The Third World
  5. SC6-01005            Mexico's Evolution Since its Indepence up to The Ayutla Plan

Disk S004-A

Social Sciences

1. SC7-02005 Judicial Structure of The Mexican State
2. SC7-02015 The Importance of Law
3. SC7-GL0B5 Modern Day Mexico
4. SC8-02015 The Middle East