

V. Control of Movement

	1	2	3
Walking on the line:			
1. Heel to toe			
2. Naturally holding one flag			
3. Naturally holding two flags			
4. Various Objects:			
a. Bell			
b. Bell on String			

	1	2	3
c. Glass ½ Full			
d. Something on Head			
e. Beans on a Spoon			
5. To the beat of a drum			
6. To Different Tempi			
The Silence Game			

Sensorial**1. Discrimination of Dimension**

	1	2	3
Cylinder Blocks:			
1. Block A			
Block B			
Block C			
Block D			
2. Two Blocks			
3. Three Blocks			
4. Four Blocks			
Pink Tower:			
1. Building Tower (Concentrically)			
2. Aligning Two Sides(Cornered)			
Broad Stairs:			
1. Building Stairs			
2. Measuring Tool			
Red Rods:			
1. Building Stair			
2. Unit of Measurement			

	1	2	3
Knobless Cylinders:			
1. Grading			
Yellow			
Green			
Red			
2. Comparing Height			
Yellow – Green			
Green – Red			
Red – Yellow			
3. a. Grade the Blue Set			
b. Compare and Contrast with:			
Yellow			
Green			
Red			
4. Comparing Diameters (Superimpose):			
a. any two sets			
b. any three sets			
c. all four sets			

2. Discrimination of Colour

	1	2	3
Colour Tablets:			
Colour Box I:			
a. Matching			
b. Language (red, blue, yellow)			
c. Matching tablets to objects in the environment			
Colour Box II:			
a. Matching			

	1	2	3
b. Language (red, blue, yellow, purple, pink, orange, grey, black, white, brown)			
c. Matching tablets to objects in the environment			
Colour Box III:			
a. Grade each set, one set at a time			
b. Mix and grade two contrasting colours			
c. Sunburst			

3. Discrimination of Dimension and Colour

	1	2	3
Binomial Cube:			
1. Inside the Box			
2. Outside of the Box			
3. Layers			
Trinomial Cube:			
1. Inside the Box			
2. Outside of the Box			
3. Layers			
Geometry Cabinet:			
1. Demonstration Tray			
2. All drawers, one at a time			
a. Circles			
b. Rectangles			
c. Triangles			
d. Polygons			
e. Curvilinear Figures			
f. Quadrilaterals			
3. Mix and Match:			
a. Two Drawers			
b. Three Drawers			
c. Four Drawers			
d. Five Drawers			
e. Six Drawers			
4. Names of Shapes:			
Circle	Octagon	Curvilinear Triangle	
Rectangle	Nonagon	Trapezoid	
Triangle	Decagon	Parallelogram	
Square	Oval		
Pentagon	Ellipse		
Hexagon			
Heptagon			

	1	2	3
Geometry Cards:			
1. Solid Cards			
2. Thick Outline Cards			
3. Thin Outline Cards			
4. Three sets of cards mixed for a drawer			
Small Metal Insets:			
1. Circular Insets:			
a. One frame at a time			
b. Any two frames at a time			
2. Square Insets:			
a. One frame at a time			
b. Any two frames at a time			
3. Compare and Contrast			
Decanomial Squares:			
1. Build Decanomial			
2. Remove a Band			
3. Building Squares			
4.a. Binomial Squares			
b. Trinomial Squares			
5. Outside - In			
Constructive Triangles:			
Rectangular Box A			
Rectangular Box B			
a. Any two triangles			
b. The two triangles that form rectangles			
Triangular Box C			
Small Hexagonal Box D			
Large Hexagonal Box E:			
a. All Pieces			
b. Red and Grey Triangles			
Superimposed Geometric Figures:			
1. Figures arranged concentrically			
2. Other Variations			
3. Combine Two Shapes			

II. Tactile Sense

	1	2	3
Touch Boards:			
1. First Board (board divided in half)			
2. Second Board (board divided into eleven partitions)			
3. Language (smooth/rough)			
Touch Tablets:			
1. Matching:			
a. Three Pairs			

	1	2	3
b. All Pairs			
2. Grading			
3. Matching at a Distance			
Fabrics:			
1. Matching			
2. Eyes Closed			
3. Names of Fabrics			

III. Baric Sense

	1	2	3
Baric Tablets:			
1. Heavy and Light Tablets:			
a. Eyes Opened			
b. Eyes Closed			
2. Medium and Heavy Tablets:			
a. Eyes Opened			
b. Eyes Closed			

	1	2	3
3. Heavy, Medium, and Light Tablets:			
a. Eyes Opened			
b. Eyes Closed			
4. Language (heavy/light)			

IV. Thermic Sense

	1	2	3
Thermic Tablets:			
1. Matching			
2. Eyes Closed			
3. Language (hot/cold)			

	1	2	3

V. Stereognostic Sense:

	1	2	3
Geometric Solids:			
1. Classifying			
2. Names:			
Cylinder	Cylinder	Square-Based Prism	
Cylinder	Ellipsoid	Triangular-Based Prism	
Sphere	Cube	Triangular-Based Pyramid	
Ovoid	Cone	Square-Based Pyramid	

	1	2	3
3. Base Cards			
Mystery Bag			
Progressive Exercise			
Game:			
1. Solids Under Cloth, Guess Which One			
2. Which Solid is Missing?			

VI. Gustatory Sense

	1	2	3
Tasting Bottles:			
1. Matching			
2. Language (sweet, sour, salty, bitter)			

	1	2	3
Smelling Bottles:			
1. Matching			
2. Guess the Smell			

VIII. Auditory Sense

	1	2	3
Sound Boxes:			
1. Matching			
2. Grading			
3. Language (softer/louder, softest/loudest)			

	1	2	3

Language

I. Oral Language

	1	2	3
Enrichment of Vocabulary:			
1. Objects of the Environment			
2. Sensorial Apparatus			
3. Classified Cards			
Oral Composition:			
a. Conversation			
b. The Question Game			
Events Charts			
Card Stories			

Word Games:

- a. Rhyming Words
- b. Antonyms
- c. Compound Words

Sound Games:

1. Initial Consonants
2. Initial and Ending Consonants
3. Middle Consonant
4. I Spy

	1	2	3
Word Games:			
a. Rhyming Words			
b. Antonyms			
c. Compound Words			
Sound Games:			
1. Initial Consonants			
2. Initial and Ending Consonants			
3. Middle Consonant			
4. I Spy			

II. Writing

	1	2	3
Metal Insets:			
1. One Frame – Serpentine Lines			
2. Frame and Inset – Serpentine Lines			
3. Symmetrical Design			
4. More Than One Inset			
5. Shades of One Colour			
6. Designs that Fill the Entire Page			
7. Border Designs			
8. Mirror Image Patterns			
Sandpaper Letters:			
a b c d e f g h i j k l m n o			
p q r s t u v w x y z			
Large Moveable Alphabet:			
1. Finding Letters by Sound			
2. Finding Initial Sound			

3. Finding Final Sound

4. Word Building:

- a. Pink Objects
- b. Pink Pictures
- c. Blue Objects
- d. Blue Pictures

Handwriting:

1. Cornmeal Tray
2. Blank Chalkboard (one-letter)
3. Wide-Lined Chalkboard (one-letter)
4. Wide-Lined Paper (one-letter)
5. Lined Chalkboard or Paper (several letters)

Story Alphabet

Left/Right Handed

	1	2	3
3. Finding Final Sound			
4. Word Building:			
a. Pink Objects			
b. Pink Pictures			
c. Blue Objects			
d. Blue Pictures			
Handwriting:			
1. Cornmeal Tray			
2. Blank Chalkboard (one-letter)			
3. Wide-Lined Chalkboard (one-letter)			
4. Wide-Lined Paper (one-letter)			
5. Lined Chalkboard or Paper (several letters)			
Story Alphabet			
Left/Right Handed			

III. Reading

	1	2	3
Phonetic – Pink Coded Material (3-letter phonetic words)			
1. Objects and Written Labels			
2. Objects and Word Cards			
3. Pictures and Word Cards			
4. Large Pink Card and Word Cards			
5. Word Box			
6. Lists of Words			
Phonetic – Blue Coded Material (4-letter phonetic words)			
1. Objects and Written Labels			
2. Objects and Word Cards			
3. Pictures and Word Cards			
4. Large Blue Card and Word Cards			

5. Word Box

6. Lists of Words
7. Short Phrases
8. Short Sentences
9. Short Stories

Introduction to the Phonogram Material (Green)

1. Objects and Word Cards
2. Pictures and Word Cards
3. Small Moveable Alphabet
4. Lists of Words
5. Booklets
6. Sentence Cards

	1	2	3
5. Word Box			
6. Lists of Words			
7. Short Phrases			
8. Short Sentences			
9. Short Stories			
Introduction to the Phonogram Material (Green)			
1. Objects and Word Cards			
2. Pictures and Word Cards			
3. Small Moveable Alphabet			
4. Lists of Words			
5. Booklets			
6. Sentence Cards			

III. Reading Continued	1	2	3
Introduction to the Phonogram Material Continued:			
7. 'Phonogram Family' Folders			
8. Story Books			
Irregular/Puzzle Words			
Reading Classification:			
a. Objects in the Environment			
b. Sensorial Apparatus			
c. Classified Cards			
d. Definition Sets:			
1. Picture and Label			
2. Definition Cards to Pictures			
3. Second Set of Definition Cards (key word missing)			
Word Study:			
a. Animal Babies			
b. Animal Homes			

IV. Function of Words	1	2	3
Non-Phonetic Exercises with the Noun:			
1. Classroom Labels			
2. Singular and Plural			
Non-Phonetic Exercises with the Noun, Article, Adjective, and Verb:			
The Logical Adjective Game			
1. Adjacent Cards Placed Indiscriminately			
2.a. One Noun with Multiple Adjectives			
b. Combination of 2 or more Adjectives with one Noun			
Detective Adjective Game			
The Adverb:			
1. Single Adverb			
2. Two Adverbs			
Logical Adverb Game			

V. Introduction to Analysis	1	2	3
Continuation of Command Cards:			
1. Two Verbs			
2. One Verb, One Object			

	1	2	3
c. Animal Voices			
d. Animal Groups			
e. Masculine/Feminine			
Informal Introduction to Grammar			
Introduction to the Noun:			
1. The Noun Game			
2. Name Cards for Objects in the Environment			
The Noun with the Farm			
The Noun – Singular and Plural			
Introduction to the Adjective			
Introduction to the Article			
The Article and the Adjective with the Farm			
Introduction to the Verb:			
1. The Verb Game			
The Verb with the Farm			

	1	2	3
Introduction to the Pronoun:			
1. Pronoun Game			
2. Pronoun Cards			
3. Farm Game			
Introduction to the Conjunction:			
1. Introduction			
2. Farm Game			
Introduction to the Preposition:			
1. Preposition Game			
2. Labels			
3. Farm Game			
The Interjection Game			

	1	2	3
3. Two Verbs, One Objects			
4. Two Verbs, Two Objects			

Arithmetic

I. Numbers to Ten	1	2	3
Number Rods			
Sandpaper Numerals: 1 2 3 4 5 6 7 8 9			
Number Rods and Number Cards:			
1. Cards to Rods			
2. Rods to Cards			
3. Stair and Random Cards			
4. Game:			
a. One Greater Than/Less Than			

II. Decimal System	1	2	3
Presentation with Golden Bead Material:			
1. Demonstration Tray			
2. Counting through each Hierarchy (no number cards)			
3. Forming Numbers with Beads (no number cards)			
Presentation with Large Number Cards:			
1. Familiarize – new numbers 100 and 1000			
2. Layout all Cards and Count Them			

III. Teens and Tens	1	2	3
Formation of 11 – 19 with Golden Beads			
Formation of 11 – 19 with 'Teens Board'			
Combination of 'Teen Board' and Beads to form 11 – 19			
Formation of 10 – 90 with Golden Beads			

IV. Exchanging	1	2	3
Changing Exercise:			
1.a. Units to Tens			
b. Tens to Hundreds			
c. Hundreds to Thousands			
2. Game (determine the quantity)			

V. Arithmetic Equations	1	2	3
Addition:			
a. Static			
b. Dynamic			
c. Individual Work			
Multiplication:			
1. Introduction (each student brings the same number)			

	1	2	3
b. Two Greater Than/Less Than			
5. Impression of Addition			
6. Impression of Subtraction			
Table Number Rods			
Spindle Box			
Numbers and Counters			
Memory Game of Numbers			

	1	2	3
3. Fetching Requested Number Cards			
Formation of Large Number Cards with Beads:			
1.a. Single Category: Cards to Beads			
b. Single Category: Beads to Cards			
2.a. Two Adjacent Categories: Cards to Beads			
b. Two Adjacent Categories: Beads to Cards			
Combination of Golden Beads and Large Number Cards			

	1	2	3
Formation of 10 – 90 with the 'Tens Board'			
Combination of 'Tens Board' and Beads to form 10 – 90			
Formation of 11 – 99 with 'Tens Board' and Beads			

	1	2	3
3.a. Thousands to Hundreds			
b. Hundreds to Tens			
c. Tens to Units			

	1	2	3
2. Introduction to the multiplier			
3.a. Static			
b. Dynamic			
Subtraction:			
a. Static			
b. Dynamic			

V. Arithmetic Equations Continued	1	2	3
Division:			
1.a. Static			
b. Dynamic (no remainder)			
c. Dynamic (with remainder)			
2. Introduction to the Divisor			
The Stamp Game:			
Introduction with the Golden Bead Demonstration Tray			
1.a. Static Addition			
b. Dynamic Addition			

VI. Linear Counting	1	2	3
Golden Bead Chain of 100			
Golden Bead Chain of 1000			
Short Chains:			
2 Square Chain			
3 Square Chain			
4 Square Chain			
5 Square Chain			
6 Square Chain			
7 Square Chain			
8 Square Chain			
9 Square Chain			

VII. Exploration and Memorization of Tables	1	2	3
Addition Snake Game:			
Introduction			
1. Individual Work			
2. Isolating Combinations			
3. Showing Multiples – Second Check			
Addition Strip Board:			
1. Work Through All Tables in Order (1+1 to 1+9)			
2.a. Combinations that Make Up the Sum of _____			
b. Chart of Combinations (Control Chart 1)			
3.a. Commutative Law			
b. Control Chart 2			
Addition Control Charts:			
Chart 3			
Chart 4			
Chart 5			
Chart 6			
Negative Snake Game:			
1. Introduction			
2. Isolating Combinations			
Negative Strip Board:			
1.a. Work Through All Tables in Order (9-1 to 9-9)			

	1	2	3
2.a. Static Multiplication			
b. Dynamic Multiplication			
3.a. Static Subtraction			
b. Dynamic Subtraction			
4.a. Static Short Division			
b. Dynamic Short Division (no remainder)			
c. Dynamic Short Division (with remainder)			

	1	2	3
Long Chains:			
2 Cube Chain			
3 Cube Chain			
4 Cube Chain			
5 Cube Chain			
6 Cube Chain			
7 Cube Chain			
8 Cube Chain			
9 Cube Chain			
Hundreds Board			

	1	2	3
b. Control Chart 1			
2. Same Minuend			
Subtraction Charts:			
Chart 2			
Chart 3			
Multiplication Bead Bar Layout:			
1. Introduction			
2. Multiplication by 10			
3. Divisibility of Product			
4. Commutative Law			
5. Making the Decanomial			
Multiplication Board			
Multiplication Charts:			
Chart 1			
Chart 2			
Chart 3			
Chart 4			
Chart 5			
Unit Division Board:			
1. Introduction/Exploration of Dividends Up to 81			
2. Division Board and Multiplication Board			

VII. Exploration and Memorization of Tables Continued	1	2	3
Division Charts:			
Chart 1			
Chart 2			

VIII. Passage to Abstraction	1	2	3
The Dot Game:			
1. Introduction			
2. Start with the Units			
Small Bead Frame:			
Introduction			

	1	2	3

	1	2	3
1.a. Static Addition			
b. Dynamic Addition			
2.a. Static Subtraction			
b. Dynamic Subtraction			