



Developing Foundational Numeracy in Mathematics

Georgia Numeracy Project

OVERVIEW

[Assessment Manual](#)

(click here)

[Intervention Manual](#)

Tier 1
(all students)

Global Strategy Stage Assessment

(Gloss – Individual Verbal/Mental Reasoning)

Strategy Screener

Assesses Three Strategy Domains

- Addition and Subtraction
- Multiplication and Division
- Proportions and Ratios

Individual Knowledge Assessment of Number

(IKAN Part I – Individual Verbal)

Knowledge Screener

Assesses One Knowledge Domain

1. Number Sequence & Order
 - a) Number Recognition
 - b) Number Sequence
 - c) Forward and Backward Number Word Sequence

0-3
Strategy
Stage on
Gloss

4-8
Strategy
Stage on
Gloss

Individual Knowledge Assessment of Number

(IKAN Part II – Written)

Knowledge Screener

Assesses Four Knowledge Domains

1. Number Sequence & Order
2. Fractions
3. Place Value
4. Basic Facts

Numeracy Project Assessment

(Individual Verbal)

Strategy & Number Knowledge
Numeracy Intervention Instrument

Deeply Assesses Strategy & Number Knowledge

Numeracy Development Intervention Activities

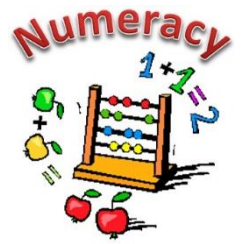
(Activities for Support)

These resources provide the teacher/interventionist with the activities to support students where they are in their progression and help them move to the next level of numeracy development.

Tiers 2 & 3



GEORGIA NUMERACY PROJECT



Numeracy Assessments

Fall, Winter, Spring

Data Interpretation

What do the data say?

Data Analysis

What do the data mean?

Planning

What will I do about this information?

Small Group Instruction

How will I support individual student needs through small group instruction?

Whole Group Instruction

What will I do with all students?

**Numeracy Project Activities:
Books 5, 6, 7**

Number Talks

**Book 4:
Knowledge Activities**

STOP: The NEXT steps are for students who need additional, more intense support.

Numeracy Intervention Instrument

What will I do with students who need more?

Intense Intervention with Numeracy Activities
(based on specific skill needs identified on NII)



Developing Foundational Numeracy in Mathematics

IMPLEMENTATION

RESOURCES

click on images for resources

Georgia Numeracy Project

Tier 1
(all students)

Assessment Manual

Videos of Assessments
GloSS & IKAN

- [Interview 1](#)
- [Interview 2](#)
- [Interview 3](#)
- [Interview 4](#)

Global Strategy Stage Assessment
(GloSS – Individual Verbal/Mental Reasoning)

Strategy Screener

Possible Stage Scores 0-8

- Assesses Three Strategy Domains
- Addition and Subtraction
 - Multiplication and Division
 - Proportions and Ratios

- [Student Cards 1](#)
- [Student Cards 2](#)
- [Student Cards 3](#)
- [Student Cards 4](#)

GloSS Interview
Instructions

GloSS Interview
Recording Sheet

Grade Level Expectations Continuum
GloSS

Individual Knowledge Assessment of Number
(IKAN Part I – Individual Verbal)
Knowledge Screener

Assesses One Knowledge Domain

- Number Sequence & Order
 - Number Recognition
 - Number Sequence
 - Forward and Backward Number Word Sequence

0-3
Strategy
Stage on
GloSS

4-8
Strategy
Stage on
GloSS

Individual Knowledge Assessment of Number
(IKAN Part II – Written)
Knowledge Screener

Assesses Four Knowledge Domains

- Number Sequence & Order
- Fractions
- Place Value
- Basic Facts

IKAN Instructions

IKAN Part II
Instructions

IKAN Part II
Recording Sheet

IKAN Part II
Answers

Number Cards

Numeracy Project Assessment
(Individual Verbal)
**Strategy & Number Knowledge
Numeracy Intervention Instrument**

- Deeply Assesses Strategy & Number Knowledge
- Each of the Strategy and Knowledge Domains on the GloSS and IKAN

Material Masters

Grade Level Expectations Continuum
IKAN

Tiers 2 & 3

Videos of Interventions
Project Books

Intervention Manual

Numeracy Development Intervention Activities
(Activities for Support)

These resources provide the teacher/interventionist with the activities to support students where they are in their progression and help them move to the next level of numeracy development.

Numeracy Development
Tasks & Activities Tables by Stage

Strategy Stage
Descriptions
Stage 0 to Stage 8

Student Examples
Strategy Stages

Student Profile
Strategy/Knowledge