Developing Foundational Numeracy in Mathematics

Georgia Numeracy Project

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
(SKAN 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

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.

Tier 1
(all students)

Tier 2 & 3

Assessment Manual

Intervention Manual

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GEORGIA NUMERACY PROJECT

Numeracy Assessments

Data Interpretation
What do the data say?

Data Analysis
What do the data mean?

Planning
What will I do with this information?

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

Numeracy Project Tasks/Activities

Whole Group Instruction
What will I do with all students?

Number Talks

Numeracy Project Group/Partner Games, Activities, and Tasks

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

Numeracy Intervention Instrument

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

What will I do with students who need more?
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**Georgia Numeracy Project**

**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

**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

**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

**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.

- Examining’s Assessment Manual
- Videos of Assessments GloSS & IKAN
- Interview 1
- Interview 2
- 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
- Number Cards
- Videos of Interventions Project Books
- Intervention Manual
- Interview 3
- Interview 4
- 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
- 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.
- Grade Level Expectations Continuum GloSS
- GloSS Interview Instructions
- GloSS Interview Recording Sheet
- IKAN Instructions
- IKAN Part II Instructions
- IKAN Part II Recording Sheet
- IKAN Part II Answers
- Grade Level Expectations Continuum IKAN
- Numeracy Development Project Books
- Numeracy Development Project Books
- Student Examples Strategy Stages
- Strategy Stage Descriptions Stage 0 to Stage 8
- Data Table & Graph
- Material Masters

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