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

0-3 Strategy Stage on GloSS

4-8 Strategy Stage on GloSS

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

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.

Tier 1
(all students)

Tier 2 & 3

Graphic inspired by Kent ISD, Michigan
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?

Numeracy Project Activities: Books 5, 6, 7

Whole Group Instruction
- What will I do with all students?

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

**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.