


Objective: *To enhance teachers' proficiency in mathematical problem-solving by actively engaging them in solving math problems, modeling their problem-solving processes to the group, and receiving constructive feedback. This training aims to build confidence, improve teaching methodologies, and foster a collaborative learning environment where teachers can refine their skills and share best practices.*


Monday

Sankofa: Where are we? How did we get here? Where are we going?



9:00 Welcome

-  Copy of BSICS Teacher Institute 2024-25SY





9:15 The Data Discussion


- *Where are we?*
 - [Illinois Report Card](#)
 -  Copy of NLT 2024-25

10:30 The Math Team's Mission & Purpose

- *Where are we going?*
 - [Mathematics Claims Structure](#)
 - [Standards & Mathematical Practices](#)
 - [IAR Practice Tests](#)
 - [Illinois | SRT Home](#) - TestNAV
 - [Digital Library](#)
 -  Copy of The IAR Math Playbook
 - [Department Goal -](#)
 - Individual Goal
 - Class Goal
 -  Copy of BSICS Teacher Practice Goal Setting - ...

1:00 Our Tools

- *How do we get there?*
 -  Math Department 2024-2027 SIP Planning
 -  BSICS Mathematics Handbook
 -  Copy of BSICS TA & Paras Handbook for PD
 -  Copy of BSICS Mathematics Department Instructional ...

-  Copy of BSICS IM Pacing 2024-25
 - What happens if you're absent?
 - What about iReady days?
 - What about NCTM and any other conference days?
- [99Math.com](#)
- [Unit Openers](#)
- IM Curriculum - The Path to IAR Success
 - **URL:** <https://judda-demo.ilclassroom.com/login>
 - *Log in as a teacher*
 - **Username:** bsics@example.com
 - **Password:** 123456
- iReady
- Manipulatives

3:40

Wrap Up & Feedback

- Exit Survey
- Tomorrow: Planning & Modeling & Feedback

Tuesday

Khepera: Practice & Planning


9:00

Getting Your Class Started on The Right Foot

- What does week 1 look like?
- What should our classes look like?
- How do we make sure we start each class on time?
- The Do Now Practice - Fluency
 - 99Math.com

10:30

The Unit Openers

- *What's the role of culture in math instruction?*
 -  African Centered Unit Openers IM
- The Opening Act
 - Unit Openers Practice

1:00

Unit 1 Design

- Design Unit 1
- [Use Template](#)

3:40

Wrap Up & Feedback

- Exit Survey
- Tomorrow: Planning & Modeling & Feedback

Wednesday

Khepera: Practice & Planning

9:00


Recap

Curriculum Tour - What does it mean to use the curriculum with fidelity?

Getting Started Practice - Setting the Culture/Classroom Management

- First day
- Daily

Unit 1 Share Out

- What standards are covered?
- Which mathematical practices?
- Resources used?
- The TRU Framework
 -  TRU Math Observation Rubric Guide 2024
- What will an observer see?
- How will you make sure the unit is meaningful and relatable to students?
- How will data be used? Which data?
- How well will your students do?
- How will you collaborate with TAs and Paras to accomplish the goal?

10:30

Lesson 1 Internalization Design & Teach

- *Design Lesson 1 and Teach to the "class"*
- *Warmup*

1:00

Lesson Internalizations Continued

- Activities Practice & Feedback

3:40

Wrap Up & Feedback

- Exit Survey
- Tomorrow: Planning & Modeling & Feedback

Thursday

Khepera: Practice & Planning

9:00

Lesson Internalizations Continued

- Lesson 2 Planning & Modeling & Feedback
- Activities

1:00

Lesson Internalizations

- Take 30 minutes to prepare the INSTRUCTION to students for the lessons outlined below. Be sure to remember the short term goal and the feedback given during the warmup practices. We want to see what your instructional skills & pedagogy are around content and deep conceptual understanding of the content for you and getting it to your students.
- You want to think about it this way, the first lesson from this session gave my students difficulty, so now I'm going to spend more time breaking it down to them using my own knowledge of the content and incorporating any skill they struggled with in the last lesson.
- 12 minutes for each presentation of the lesson

7th	Assata	Section A, Lessons
3rd	Christa/DeMaria	Section A, Lessons 1 - 8
4th	Sherrie	Section A, Lessons 1 - 4
5th	Jaylen	Section A, Lessons 1 - 4
6th	Rodeana/Akena	Section A, Lessons 1 - 3
8th	Jared/Jessica	Section A, Lessons 1 - 6

3:40

Wrap Up & Feedback

- Exit Survey
- Tomorrow: Planning & Modeling & Feedback

Friday

Khepera: Practice & Planning

9:00

Science

10:00

Moving Forward

- Key Takeaways
- Avoid micromanagement
- Imagine Learning Tech Setup
- Planning Today
 - Do the work! Digital Cool Downs, Assessments, & Digital Library IAR
 - Lesson Plans for first week & first 10+ lessons

11:00

Model Lesson

Jared & Jessica

Mikala

Small Group Practice

- 4 Rotations Practice & Feedback

1:00

Using the Data

- Digital Cool Downs
- Model
 - What to do with Digital Cool Down data?
- Mid Unit and End of Unit Assessments
- iReady
 - What's the most important metric for each student?
- 99Math.com
- Grades

3:00

Wrap Up & Feedback

- Putting it all together
- PD & Coaching
- Exit Survey

Homework?

Schedule changes - what that looks like?

Principals address

Otis sit with DL teachers

Wednesday

LESSON ONLY

Can we order mice for the computers?

Key takeaways:

Be prepared

Timing is everything

Walking through the lessons

The collaborative space created amongst this group/relationship building