

An Analysis of Currently Available Professional Development Programs that Support Mathematics for English Language Learners



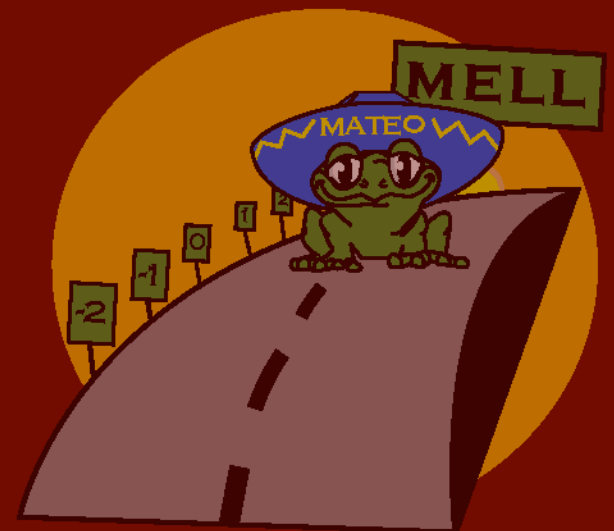
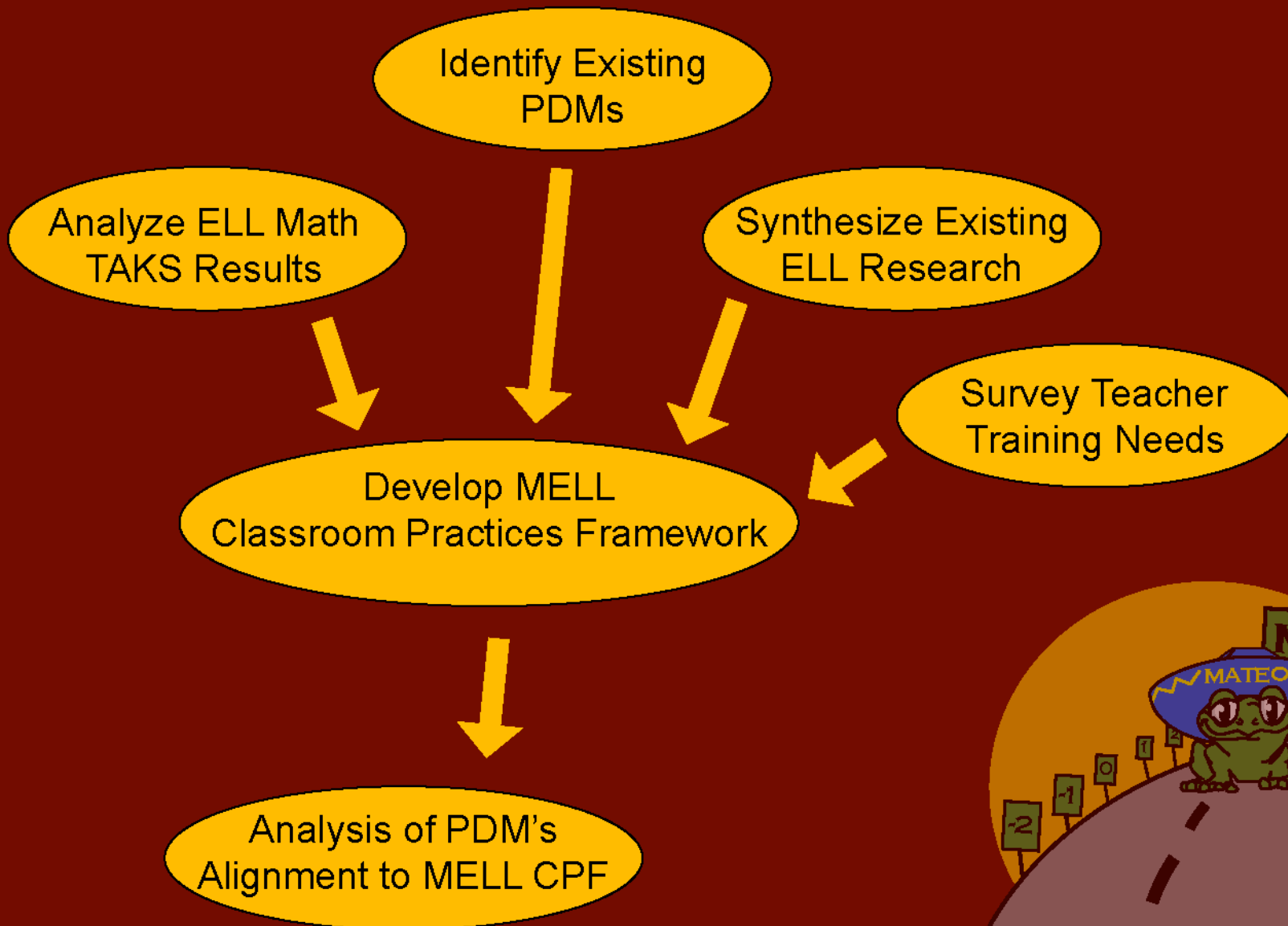
**TEXAS
STATE**
UNIVERSITY
SAN MARCOS

Presenter: Christopher Johnson

¿Background?

TSUS MELL

Texas State University System
Mathematics for English
Language Learners



Background

Topics to Cover

- Identified PDMs
- PDM Overviews
- PDM Summaries
- PDM Analysis



Models Identified

- Cognitively Guided I.
- Connect Math Project
- Everyday Math
- Family Math
- Figure This!
- Investigations
- MATHCOUNTS
- Mathworks
- Navigations
- Sharon Wells Math
- Sheltered Instruction
- Textteams

Topics to Cover

- Identified PDMs
- PDM Overviews
- PDM Summaries
- PDM Analysis



Overview of Each PDM

- Origination
- Administration
- Induction
- Implementation
- Instigation
- Philosophy



Topics Covered

- Identified PDMs
- PDM Overviews
- PDM Summaries
- PDM Analysis



Structure of Each Summary

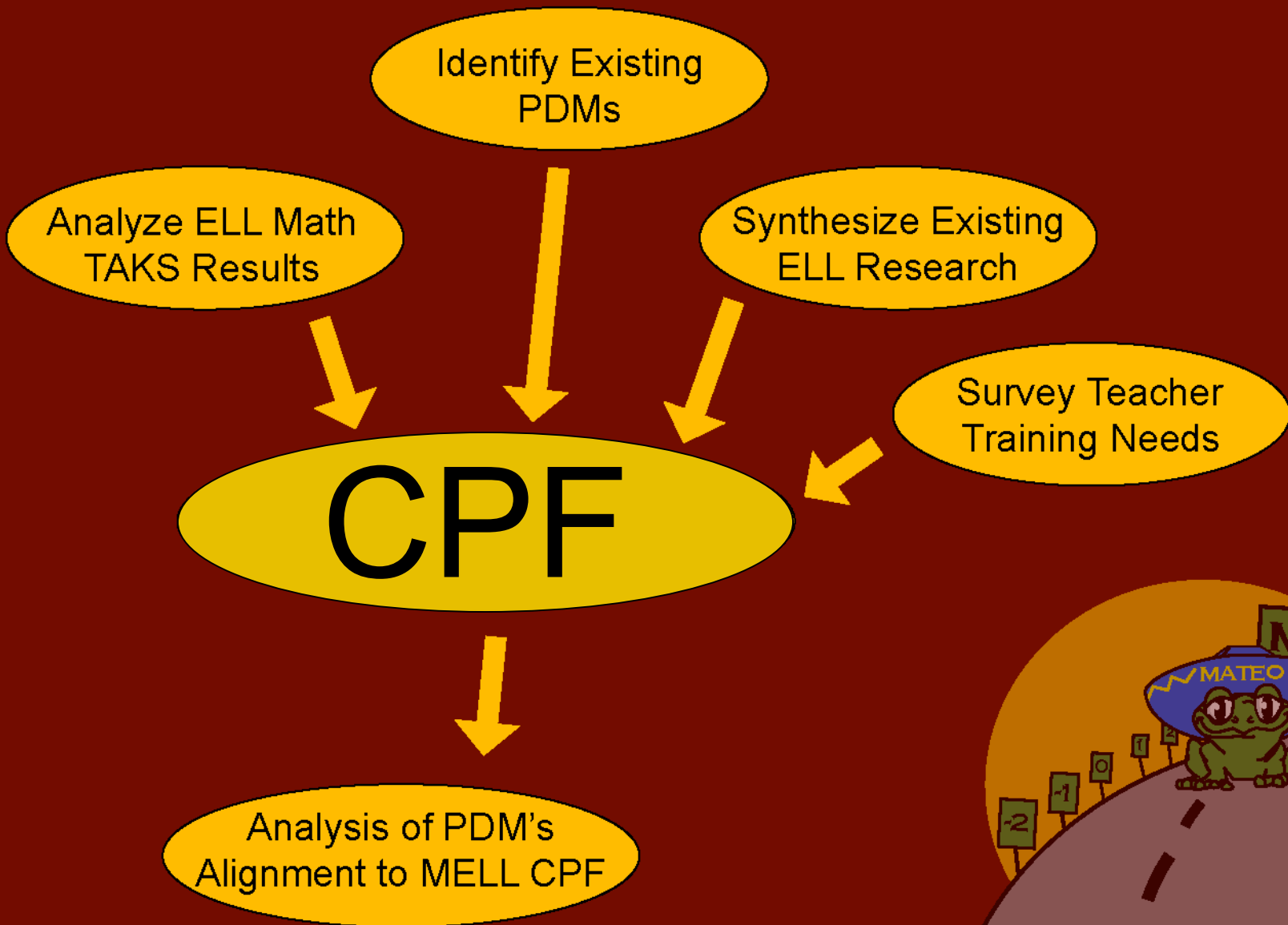
- Introduction
- Details of the model
 - Curriculum & Content
 - Pedagogy
 - Administration
- Specific Application to ELL
 - Language Components
 - Learning Styles
 - Student Assessment
- Model Assessment
- Commentary



Topics Covered

- Identified PDMs
- PDM Overviews
- PDM Summaries
- PDM Analysis





Sections of TSUS MELL CPF

1. Learning Atmosphere &
Physical Environment
2. Instructional Practices
3. Mathematics Content & Curriculum
4. Language Practices
5. Family & Community Involvement
6. Assessment of Student Learning

Model Analyses to Discuss

- Cognitively Guided I.
- Connect Math Project
- Everyday Math
- Family Math
- Figure This!
- Investigations
- MATHCOUNTS
- Mathworks
- Navigations
- Sharon Wells Math
- Sheltered Instruction
- Textteams

Cognitively Guided Instruction

Overview

Highlights of the Analysis

1. Learning Atmosphere & Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community Involvement
6. Assessment of Learning

Particular Strengths



Connected Math Project

Overview

Highlights of the Analysis

1. Learning Atmosphere &
Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community
Involvement
6. Assessment of Learning

Particular Strengths



Everyday Mathematics

Overview

Highlights of the Analysis

1. Learning Atmosphere & Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community Involvement
6. Assessment of Learning

Particular Strengths



Family Math (EQUALS)

Overview

Highlights of the Analysis

1. Learning Atmosphere &
Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community
Involvement
6. Assessment of Learning

Particular Strengths



Figure This!

Overview

Highlights of the Analysis

1. Learning Atmosphere &
Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community
Involvement
6. Assessment of Learning

Particular Strengths



Investigations

Overview

Highlights of the Analysis

1. Learning Atmosphere &
Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community
Involvement
6. Assessment of Learning

Particular Strengths



MATHCOUNTS

Overview

Highlights of the Analysis

1. Learning Atmosphere &
Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community
Involvement
6. Assessment of Learning

Particular Strengths



Mathworks

Overview

Highlights of the Analysis

1. Learning Atmosphere & Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community Involvement
6. Assessment of Learning

Particular Strengths



Navigations

Overview

Highlights of the Analysis

1. Learning Atmosphere &
Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community
Involvement
6. Assessment of Learning

Particular Strengths



Sharon Wells Math

Overview

Highlights of the Analysis

1. Learning Atmosphere &
Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community
Involvement
6. Assessment of Learning

Particular Strengths



Sheltered Instruction O. P.

Overview

Highlights of the Analysis

1. Learning Atmosphere & Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community Involvement
6. Assessment of Learning

Particular Strengths



Texteams

Overview

Highlights of the Analysis

1. Learning Atmosphere & Physical Environment
2. Instructional Practices
3. Math Content & Curriculum
4. Language Practices
5. Family & Community Involvement
6. Assessment of Learning

Particular Strengths



Model Analyses Discussed

- ☑ Cognitively Guided I.
- ☑ Connect Math Project
- ☑ Everyday Math
- ☑ Family Math
- ☑ Figure This!
- ☑ Investigations
- ☑ MATHCOUNTS
- ☑ Mathworks
- ☑ Navigations
- ☑ Sharon Wells Math
- ☑ Sheltered Instruction
- ☑ Textteams

Topics Covered

- ☑ Identified PDMs
- ☑ PDM Overviews
- ☑ PDM Summaries
- ☑ PDM Analysis



Further Investigation

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