

Team: 2
Category: K-5/6
Publisher: Carolina Biological Supply
Title: Math Out of the Box
Submission Code: 201

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

1. IDENTIFY STRENGTHS OF PROGRAM MATERIALS

- **Emphasis on exploration, investigation, reflection and hands-on**
- **Based on the Learning cycle which has a 4-step process and is an inquiry based method**
- **Plenty of practice for each standard allowing for mastery**
- **Open-ended nature of materials allows for differentiation and encourages critical mathematical thinking**
- **Planning is clear and allows for flexibility**
- **The conceptual story is logical, and serves as a visual tool**
- **Links to science inquiry skills**
- **Materials guide students from concrete to abstract**
- **Number concepts is covered in 2 modules so it continues throughout the year within 9 week units**
- **Materials are in an order that fits the needs of the teacher, classroom and district**
- **Online alignment to the Oregon Content Standards was very specific to the lesson**

2. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS

- **Some of the Spanish materials have English within (directions, labels on graphs)**
- **Not strong in the area of accommodations for blended/multi-grade classrooms**
- **Few guidelines in the supplemental materials**

3. GENERAL COMMENTS

- **Units require a large supply of manipulatives**
- **Professional development would be helpful for teachers to effectively differentiate this curriculum**
- **Questioning strategies are embedded in the teacher guides**

Team: 2
Category: K-5/6
Publisher: Houghton Mifflin Harcourt
Title: Math Expressions
Submission Code: 204

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

4. IDENTIFY STRENGTHS OF PROGRAM MATERIALS

- The current research used is based on *student learning*. The research is incorporated into the activities and use of manipulatives within the program, including conceptual understanding and reasoning strategies
- Concrete to symbolic learning opportunities are strong throughout the entire k-5 curriculum
- The program is well organized and adheres with Oregon's core and Content Standards as well as the National Council of Teachers of Mathematics (NCTM) Focal Points
- There is a strong literature connection throughout the program and a literature guide is included
- Auditory and kinesthetic movement opportunities are available (all learning styles are addressed)
- The program encourages multiple strategies for solving problems and multiple representations of concepts
- Students exhibit mastery through student-led peer-coaching, questioning, justifying, and explaining
- Mathematical Language Development is taught and reinforced for all students and is inherent in every step in the lessons within the program
- Identifies Response to Intervention (RTI) components and includes differentiation strategies to support special education students and approaches to remediation
- Program provides strong differentiated instructional strategies in every lesson, including strategies to address the needs of English Language Learners (ELL)

5. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS

6. GENERAL COMMENTS

- Gradual implementation is provided in the program
- The only CD's evaluated were the Lesson Plan CD and Assessment CD

Team: 2
Category: K-5/6
Publisher: Kendall Hunt Publishers
Title: Math Trailblazers
Submission Code: 206

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

7. IDENTIFY STRENGTHS OF PROGRAM MATERIALS

- **Customized Professional Development can be planned to meet the needs of the district**
- **Intermediate materials are strong with moving from concrete to symbolic**
- **Program supports scientific inquiry and integration of social studies standards**
- **The program develops math language in an acquisition model**

8. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS

- **Lexile details were not provided**
- **The program was designed to follow a unit-to-unit progression**

9. GENERAL COMMENTS

- **Professional Development is essential to the implementation of the program**
- **Real-world connections exist in the program**
- **Background planning is necessary for every lesson**
- **Flexing the units can be done but it is recommended that the decision be made at the district level to modify consistently or follow the prescribed order in the materials**

Team: 2
Category: K-5/6
Publisher: Macmillan McGraw-Hill Publishers
Title: Math Connects
Submission Code: #207

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

- 10. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**
 - Multiple language formats of the online glossary
 - Side-by-side comparisons with English and Spanish
 - High-quality manipulatives provided
 - There are multiple opportunities to incorporate technology within the program
 - There are 4 open-ended, engaging, real-world extension projects available at the end of the book (4 weeks worth)
 - There are multiple assessment opportunities, including a materials to support preparation for the Oregon Assessment of Knowledge and Skills (OAKS)

- 11. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**
 - The program moves rapidly from concrete to symbolic at all levels
 - This program relies heavily on a few instructional strategies

- 12. GENERAL COMMENTS**
 - There are multiple necessary components to the program
 - On-level diagnostic data should be looked at carefully
 - Most of the investigations and manipulative activities are teacher-guided
 - The lesson objectives are listed at the beginning of each chapter in the student book

Team: 2
Category: K-5/6
Publisher: The Math Learning Center
Title: Bridges in Mathematics
Submission Code: #213

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

- 13. IDENTIFY STRENGTHS OF PROGRAM MATERIALS:**
- The 'Oregon Supplement' helps the program completely correlate with the Oregon Standards and serves a helpful edition to those already using Bridges in Oregon
 - The 'Oregon Supplement' also serves as a guide for teachers as to what can be removed from the original curriculum or replaced
 - There are multiple opportunities to master concepts using a variety of strategies
 - Differentiation and assessment are embedded into the lessons
 - Assessments occur in multiple learning styles as part of activities
 - Background information is provided that can help teacher's select appropriate learning strategies for language learners: meaning, a description of the stages of language acquisition
 - There are many opportunities for students to move from concrete to symbolic learning
 - The program is rich in visual clues for students both in vocabulary and mathematics representations i.e. vocabulary cards, posters and 'Number Corner'
- 14. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS:**
- There is a need for the teacher to create materials in some lessons
- 15. GENERAL COMMENTS:**
- The multi-age/blend guides are available online. These guides are designed for two consecutive grades i.e. 1-2, 2-3, 3-4
 - A grade, year, strand and month scope and sequence are provided with the curriculum

Team: 2
Category: K-5/6
Publisher: Pearson Scott Foresman
Title: enVisionMATH
Submission Code: 209

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

- 16. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**
 - Offers a wide range of high quality professional development in multiple formats
 - Online diagnostic assessment designed for paper/pencil with an intervention kit
 - Uses engaging games for reinforcement in paper and CD-ROM formats
 - Layout of the materials is teacher friendly
 - Progression from concrete to symbolic is stronger in the primary grades

- 17. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**
 - Concrete to symbolic is weaker in upper grades for introduction of topics

- 18. GENERAL COMMENTS**
 - There is a literature connection to the math
 - Manipulatives are teacher and student friendly
 - Magnetic manipulatives adhere to metal student workmats
 - Plans for addressing Response to Intervention (RTI)
 - Animated glossary is provided online

Team: 2
Category: K-5/6
Publisher: Pearson Scott Foresman
Title: Investigations in Number, Data, and Space
Submission Code: 208

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

- 19. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**
- Highlighted vocabulary makes it easy for the teacher to hone in on key words
 - Student handbook is good reference for students to review strategies as well as a good parent resource and is accessible online
 - Diagnostic assessment is helpful for finding appropriate materials for remediation or acceleration
 - Provides opportunities for students to investigate, explore and extend their learning
 - Comes with a complete set of manipulatives K-5
 - Spanish translation of all materials including building tests with online tools
 - Professional development is available in the printed materials, online media and is embedded in the program
 - Program is well put together and accessible for both new and experienced teachers
 - Computer based (online and CD-ROM) provide strong remediation and acceleration opportunities
- 20. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**
- No glossary or index in the student handbook
- 21. GENERAL COMMENTS**
- Technological opportunities involved
 - Technical support is available
 - There is flexibility within the program to move units between grade levels

Team: 2
Category: K-5/6
Publisher: HMH Supplemental Publishers
Title: Saxon Math
Submission Code: 202

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

- 22. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**
- Many manipulatives are included in the primary grades
 - Identifies Response to Intervention (RTI) components and includes differentiation strategies to support special education students and approaches to remediation
 - Online resources freely available (not password protected)
 - Assessment includes specific interventions (practice) for the question missed
 - User-friendly prescriptive and diagnostic assessments
 - Numerous assessment opportunities throughout the program (every 5 lessons, pre and post)
 - Student support (letters home) are well-designed and complete with ideas for parents to use with students
 - Entire program is in English and Spanish
- 23. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**
- Not a lot of manipulatives for the higher grades
 - Exploration and investigation are sometimes included in the intermediate program
 - Manipulatives are optional in some lessons but not an actual part of the lesson in the intermediate grades and are used more for demonstration
 - Does not always present concrete to symbolic representation in the intermediate grades
- 24. GENERAL COMMENTS**
- There are two versions of the 3rd grade materials included. The versions do not follow the same path through the objectives
 - Professional development would be essential to align the curriculum for blended/multi-grade classrooms

Team: 2
Category: Math K-6
Publisher: Singapore Math Inc.
Title: Earlybird Kindergarten Mathematics Standards Edition and Primary Mathematics Standards Edition
Submission Code: #211

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

25. IDENTIFY STRENGTHS OF PROGRAM MATERIALS:

- Student materials are simple, visually focused and uncluttered
- The lessons involve every level of learner (accessible to all levels of learners)
- Ongoing formative and summative assessment is provided and includes an online diagnostic assessment
- Professional Development is an embedded component in the program and is incorporated in the lessons (teacher edition)
- Depth and mastery is a key component of this program with multiple entry points for learning math concepts
- Components are intentional designed, including the order and illustrations
- The lessons thoughtfully and logically progress from the concrete to symbolic

26. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS:

- There is a lack of home connection materials provided at the upper grades (3-5) i.e. parent letters
- Does not provide multiple language formats for student contact materials but naturally supports language learners of all levels as part of the regular classroom
- Does not include an analysis of reading using the Lexile Framework but materials are not language intensive and provide multiple opportunities for visual representation of concepts

27. GENERAL COMMENTS:

- Student and teacher editions have a unique look and feel
- In-service and professional development is provided by a third party and facilitated at the district/school level

Team: 2
Category: K5/6
Publisher: Wright Group
Title: Everyday Mathematics
Submission Code: 214

TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS

- 28. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**
- Translated into multiple languages and available in audio formats online
 - Games are added for difficult concept practice
 - Materials include parent-home connections
 - Deepens meaning using exploration of numbers
 - Student Resource Book is a great resource for students
 - Teacher reference manual has a variety of information
 - Assortment of assessment formats
 - Meets different learning styles/interactive
 - Organization of units and uncluttered
- 29. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**
- Not always organized into units covering concepts correlated to Oregon Core Standards
 - Sometimes does not give enough practice or in-depth for struggling students to achieve depth and mastery
 - Spiraling sometimes moves through concepts quickly
 - Few manipulatives in K-2
 - Sometimes jumps too quickly from concrete to symbolic especially at K-2
- 30. GENERAL COMMENTS**
- The program includes posters as visuals for students
 - Materials are spread out over a variety of formats