

Team: 3  
Category: Math 6-8  
Publisher: Glencoe/McGraw-Hill  
Title: Math Connects, MathScape  
Submission Code: 302

## **TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS**

### **1. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**

- **Diagnostics, study guides, and practice tests provided for each Oregon Content Standards**
- **Extensive choice of materials for learning styles and learning levels**
- **Offers multiple pedagogical approaches**
- **Customized staff development included for the length of the adoption**
- **There is a multitude of formative and summative assessment options available by topic and for a diverse student population**
- **Curriculum specifically designed to match the National Council for Teachers of Mathematics (NCTM) Focal Points**
- **Support materials available for teachers, students, and parents in a variety of formats**

### **2. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**

- **Claims not directly linked to specific research**

### **3. GENERAL COMMENTS**

- **Math Connects and MathScape as companion texts provide a rigorous, in-depth program that addresses Oregon Content Standards**
- **The amount of material available will require extensive training and support to realize full potential**
- **A student textbook purchase is bundled as a hard copy, an on-line copy and a companion CD-ROM**

Team: 3

Category: Math 6-8

Publisher: Holt McDougal

Title: Holt Mathematics courses, Holt Algebra I, McDougal Littell Pre-Algebra, McDougal Littell Math Thematics, McDougal Littell Algebra Readiness, McDougal Littell Math Intervention

Submission Code: 304

## **TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS**

### **4. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**

- **Variety of resources available for all levels of ability**
- **Ongoing professional development is provided**
- **Multiple delivery options in print and online**
- **Video tutoring available**
- **Solutions to assignments can be customized to include assigned problems with answers only and/or step-by-step with working solutions**
- **Assessment practice problems available by standard**
- **Algebra I book is also correlated to the current grade 8 standards**
- **Questioning strategies promote higher-order thinking and dialogue and are available for every lesson**

### **5. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**

- **Textbooks are large and heavy**

### **6. GENERAL COMMENTS**

- **Holt Mathematics Courses 1-3 and Algebra I were presented as the core curriculum and the other materials as supplementary**
- **Materials on pages are compact**
- **Math intervention material were correlated to the Oregon Core and Content Standards**
- **To meet the depth required by the Oregon Content Standards; a teacher will need to use many of the supplements Math intervention materials would be a good resource for remediation**

Team: 3  
Category: Math 6-8  
Publisher: Pearson Prentice Hall  
Title: Connected Mathematics  
Submission Code: 305

## **TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS**

### **7. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**

- Rich and engaging problems
- Extensions are a good resource for Talented and Gifted (TAG) students
- Program encourages cooperative learning and student discourse
- Alternative investigations and practice activities are available on-line
- Program promotes in-depth understanding of mathematics

### **8. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**

- Frequent absences would make it difficult for a student to realize the full potential of the program
- Teachers will need to provide additional material for students needing structured, formal and explicit examples

### **9. GENERAL COMMENTS**

- Investigations use inductive reasoning with the expectations that students devise their own algorithms
- While not required, students will need regular access to a computer in order to utilize the entire program
- Extensive professional development will be required to implement and maintain the program
- Pro-active parental training and communication are necessary
- Implementation will require significant teacher prep time
- Teachers need to be mathematically fluent to evaluate student generated solutions and discussions
- Reading intensive

Team: 3  
Category: Math 6-8  
Publisher: Pearson Prentice Hall  
Title: Prentice Hall Mathematics  
Submission Code: 306

## **TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS**

### **10. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**

- **Strong support for English Language Learners (ELL) and below level learners**
- **Multiple format of materials available in English and Spanish**
- **Minimal professional development required to implement curriculum**
- **Practical rationale included with every lesson**
- **Online video tutor supports for students and parents**

### **11. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**

- **To provide an effective 6<sup>th</sup> grade program aligned with the new 6<sup>th</sup> grade Oregon Content Standards would require extensive supplementation**
- **Inadequate number of problems that promote higher-level thinking and problem solving**
- **May not always encourage discourse and dialogue**
- **Limited, pre-made summative assessments**

### **12. GENERAL COMMENTS**

- **Structured, clear examples for every lesson**

Team: 3  
Category: Math 6-8  
Publisher: HMH supplemental Publishers  
Title: Saxon Math Courses 1-3  
Submission Code: 303

## **TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS**

### **13. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**

- **Clearly and concisely written without distracting visuals**
- **Strong emphasis on skill building and fluency**
- **Phone and on-line assistance is included for teachers and students**
- **Strongly structured curriculum with documented successes**
- **Most materials and support available in Spanish, including the teacher's edition**
- **Strong support for special education students**
- **Math vocabulary in nine languages**

### **14. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**

- **Does not address some Oregon Content Standards**
- **Teacher's books difficult to read because of the font**
- **Black-line assessments are limited**
- **Few comprehensive projects that incorporate multiple concepts**

### **15. GENERAL COMMENTS**

- **After concepts are introduced, they are practiced over the next 15-20 lessons**
- **A non-traditional, integrated approach spirals topics over the year**
- **Some non-traditional use of nomenclature**
- **Student web-site provided and available to public**

Team: 3  
Category: Math 6-8  
Publisher: SMc Curriculum LLC  
Title: Oregon Focus on Math  
Submission Code: 308

## **TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS**

- 16. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**
- The logical order, depth and mastery of the materials are specifically designed to adhere to Oregon Core and Content Standards
  - There are many Oregon specific references and examples
  - Tic-Tac-Toe activities support multiple learning styles
  - An accelerated pacing guide is provided if students are taking Algebra in 8<sup>th</sup> grade
  - Prerequisite units for each core standard are provided to aid in the transition to the Oregon Content Standards
  - Assessments and/or worksheets can be modified with a word processor
- 17. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**
- High order thinking skills are not strongly addressed
  - Materials still contain some proofing errors
  - Limited real world applications
- 18. GENERAL COMMENTS**
- Challenge problems are identified in the teacher text, but not in the student text
  - Staff development offered through-out the adoption, however, not necessarily in districts
  - Each core standard is addressed by an individual book
  - Book size is 'back-pack' friendly
  - Support materials, including glossaries, worksheets, and tests, are provided in English and Spanish except for the textbook
  - Overall text presentation lacks polish
  - Curriculum is not spiraled

Team: 3

Category: Math 6-8

Publisher: Wright Group/McGraw-Hill

Title: University of Chicago School Mathematics Project (UCSMP), Pre-Transition Mathematics, Transition Mathematics, Algebra

Submission Code: 310

## **TEAM COMMENTS REGARDING EVALUATED INSTRUCTIONAL MATERIALS**

### **19. IDENTIFY STRENGTHS OF PROGRAM MATERIALS**

- Multi-dimensional approach to understanding (SPUR: Skills, Properties, Uses, Representations)
- Emphasizes literacy as well as math skills
- Self-test and reviews are linked to Oregon Core and Content Standards
- 'Wrap-up' summarizes and closes the lesson
- Teacher's edition provides good support and guidance
- Developed in a logical order emphasizing depth and mastery
- Many of the games and manipulatives are provided with the 6<sup>th</sup> and 7<sup>th</sup> grade curriculum

### **20. IDENTIFY WEAKNESSES OF PROGRAM MATERIALS**

- Algebra requires graphing calculators with Computer Algebra System (CAS)
- On-line pre-assessment limited
- Few multiple choice test questions

### **21. GENERAL COMMENTS**

- Research results were not provided
- Professional development included with district adoption
- Transition Math curriculum provides content correlated to both 7<sup>th</sup> & 8<sup>th</sup> grade Core and Content Standards
- Curriculum in textbooks could be covered over 1-2 years (for example, the transition class could cover volume I in 7<sup>th</sup> grade & volume II in 8<sup>th</sup> grade if students were not ready for Algebra in 8<sup>th</sup> grade)
- National Council For Teachers of Mathematics (NCTM) Standards were not specifically listed in teacher's edition