# Student Effort is Kequired ... Student Progress Inspires It



## **Comprehensive Math Programs Pack Instructional Punch**

DynaStudy's student-focused product development process results in tools and activities that put student learning first. Multiple choice question after multiple choice question may yield lots of data, but the instructional value of this approach is limited. By including whole group warm-ups, an explicit instruction resource, student scaffolding, and a striking variety of engaging activities (*see reverse*) – all with strict alignment to the eligible TEKS – DynaNotes math programs pack a more powerful instructional punch. Everything one teacher needs starts at just \$278.50 – easy on your budget and easy to use (*you only need a computer with a CD drive or USB port, ideally with projection capability*).

#### ✓ Whole Group Warm-ups

Starting with a question is a proven method for engaging students in the content. Insert the Teacher CD or thumb drive into your PC or Mac and navigate to the "Lesson View," where information is provided for the teacher (TEKS alignment, materials list, assigned student activities for that lesson, etc.). Here you will find warm-up questions and ideas that may set the big picture, explore a relevant problem, and even remind students what helpful information is, and is not, in the TEA reference chart.

**Program Materials:** 



#### Explicit Instruction & Student Scaffolding

Before exploration and discovery begin, most students benefit greatly from clear, organized explicit instruction, and research shows that visual aids, such as the DynaNotes student course notes, make that instruction even more effective. Explanations are even more powerful when students can revisit helpful information as needed to complete assigned activities.

Navigate to the "Notes View" and use the content and examples in whole group instruction. The printed notes will be there to help your students when you can't be at their sides.

**Program Materials:** 



Grade 8 Math Vailable

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#### Student Activities

"Variety" can mean a variety of things. Not only do the student activities vary by format – *folded paper projects, word problems, experiments, partner work, calculator practice, reverse bingo games, etc.* – but they also vary in purpose, difficulty, and thinking level. Each lesson's activities are *consistently arranged* to build knowledge, develop skills, extend knowledge and skills, and then check for understanding.



### 95 Activities by Type

Skill Builders

Skill Developers

Skill Extenders

Skill Checkers\*



"STAAR<sup>TM</sup>-like"

\**Skill Checkers* pose authentic "STAAR-like" questions (multiple choice and bubble response) – to check for understanding and build familiarity.

**Program Materials:** 

20%<mark>20%</mark>

**29% 31%** 



(for activity book answer key) and

#### ✓ 100% Coverage of the Eligible TEKS

For each lesson, targeted TEKS and additionally covered TEKS are identified in the "Lesson View" and in the TEKS alignment pdf file shown at right from the main menu. *At right, the Real Numbers lesson targets* 8.2.A, 8.2.B, and 8.2.D, and includes six activities.

	e o Matii Lesso	in & Activity Alignment to Eligible TEKS			
Cat. 1 – Numerical Representations & Relations	ships Targeted TEKS	TTWO DE LA C			
Activity 1 - Real Number Relationships	8.2.A	8.2 The student applies method stight			
Activity 2 - Approximating Irrational Numbers	8.2.B	numbers in a variety of forms. The student is expected to			
Activity 3 - Ordering Sets of Numbers	8.2.D	8.2.A extend previous knowledge of sets and subsets using a v representation to describe relationship. Loss			
Activity 4 - Ordering Real Numbers Activity	8.2.B. 8.2.D	8.2.B approximate the value of an irrational number, include			
Activity 5 - Calculator Practice: Approximating Irrational Numbers	8.2.D	approximation on a number line			
Activity 6 - Real Numbers Checkup	8.2.A, 8.2.B. 8.2.D	contexts GR			
Activity 7 - Standard and Scientific Notation Conversions	8.2.C	Additionally Covered TEKS: 8.1.A, 8.1.B, 8.1.C, 8.1.E, 8.1.G			
Activity 8 - Standard and Scientific Notation Wor Problems	<sup>rd</sup> 8.2.C				
Activity 9 - Comparing Standard and Scientific	820	8.2.C convert between standard decimal notation and scientify			

DynaNotes Grado 9 Marth Land

ctivity B

**Calculator-Specific** 

100-page Activity Bool Includes

<b>Program Materials:</b> 1 Teacher CD (Lessons/Warm-ups, Explicit Instruction, TEKS Alignment, Answer Key) + 30 Student Course Notes + 1 <u>Reproducible Activity Book</u> <sup>1</sup>					<b>Student Activity Books</b> (for program users only)	
DynaNotes Math Program	Order Code <sup>2</sup>	<b>Price</b> <sup>2</sup>	Order Code <sup>3</sup>	<b>Price</b> <sup>3</sup>	Order Code	Price
Grade 6 Math (ships May 2016)	06MESRIP	\$278.50	06MESRIPs	\$100.00	06MESRIP-AB	\$9.50
Grade 7 Math (ships May 2016)	07MESRIP	\$278.50	07MESRIPs	\$100.00	07MESRIP-AB	\$9.50
Grade 8 Math (ships Dec 1, 2015)	08MESRIP	\$278.50	08MESRIPs	\$100.00	08MESRIP-AB	\$9.50

<sup>1</sup>*May be copied by one teacher for his/her classroom use only.* <sup>2</sup>*Thumb drive for CD upgrade: add \$8.95 to price; add "-td" to order code.*  <sup>3</sup>Identical program, except without printed course notes; available for DynaNotes <u>Digital</u> Subscribers only.

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