



STUDY ISLAND

Creating a "Diagnostic Pretest"

Use Study Island to create a diagnostic pretest. This will help you see which topics the students need the most assistance with. Here's how:

1. Go to www.studyisland.com and log in as a teacher or Admin.
2. Click on Class Manager.
3. Create a class (Teacher Manual pg3).
4. Once your class is set up, click on "Class Page and Assignments" at the right side.
5. Click **Add Assignment**.
6. Click **Create Practice & Instruction Assignment**.
7. Input your Assignment Information.
8. Select your preferences.
9. Select the assignees.
10. Select a subject and grade level.
11. Click **Get Topic List**.
12. Select all of the topics. Do not select the Pretest and Posttest.

Topics Selected: 28

Program: 7th Grade - TEKS Mastery and TAKS Preparation

Subject: Math **Change Subject**

Title	Passing Goal	Items/Score	View
Math			
1. <input type="radio"/> Pretest - Math		10 : N.A.	
2. Numbers, Operations & Problem Solving (TAKS OBJ. 1 & 6)			
a. <input type="checkbox"/> Ordering Numbers	15 : 70%		
b. <input checked="" type="checkbox"/> Fractions, Decimals, & Percents	10 : 70%		
c. <input checked="" type="checkbox"/> Model Square Roots	10 : 75%		
d. <input checked="" type="checkbox"/> Compute Solutions	10 : 68%		
e. <input checked="" type="checkbox"/> Order of Operations	10 : 70%		
f. <input checked="" type="checkbox"/> Estimate Solutions	10 : 70%		
g. <input checked="" type="checkbox"/> Real World Problems	10 : 70%		
3. Patterns & Relationships (TAKS OBJ. 2)			
a. <input checked="" type="checkbox"/> Patterns	10 : 68%		
b. <input checked="" type="checkbox"/> Symbolize Problem Solutions	10 : 65%		

13. Select **ACTIVATED** if you are ready for the students to view the assignment.
14. Click **Save Assignment**.

15. When students take the assignment, make sure they select all of the topics and an appropriate number of questions. For example:

Topics

1. Ordering Numbers - lesson	6. Fractions, Decimals, & Percents - lesson
2. Model Square Roots - lesson	7. Compute Solutions - lesson
3. Order of Operations - lesson	8. Estimate Solutions - lesson
4. Real World Problems - lesson	9. Patterns ** - lesson
5. Symbolize Problem Solutions - lesson	10. Using Percentages - lesson

Session Options Session Type: **Test Mode**

Number of Questions: **30**

The program will give the students a random sampling of questions, evenly selected from each topic. In this case there would be 3 questions from each topic.

16. When the student completes the assignment, he will be given a summary of the results.

Topic	Time	Questions	% Correct	Grade
Ordering Numbers	0:22	3	33.3%	N - Needs Improvement
Fractions, Decimals, & Percents	0:11	3	100%	E - Excellent
Model Square Roots	0:17	3	100%	E - Excellent
Compute Solutions	0:25	3	66.6%	BA - Below Average
Order of Operations	0:33	3	66.6%	BA - Below Average
Estimate Solutions	0:35	3	66.6%	BA - Below Average
Real World Problems	0:42	3	33.3%	N - Needs Improvement
Patterns	0:27	3	66.6%	BA - Below Average
Symbolize Problem Solutions	0:44	3	100%	E - Excellent
Using Percentages	0:24	3	66.6%	S - Satisfactory
Total:	4:40	30	70%	

17. Teachers can view the results through School Stats. We recommend the Assignment Report.

- a. Since most reports reflect a student's cumulative score for a topic, you will need to filter by the date the students worked on the assignment. For example:

Kim's Trial School User Statistics

Report Type: Assignment Report

Select a Class: Ms. Witty's Math Class [Add/Edit Class](#)

Select Assignment: 7th Grade Math Pretest

Filter By Date: Apr 19 10 through Apr 19 10

Filter By Time: 2:00 PM until 5:00 PM CST

Filter By Day:

View Report

- b. The report will show the student performance for each assigned topic.

Student	Ordering Numbers 7.1.A		Fractions, Decimals, & Percents 7.2.B		Model Square Roots 7.1.C		Compute Solutions 7.2.B, 7.2.A, 7.2.C		Order of Operations 7.1.E		Estimate Solutions 7.2.G		Real World Problems 7.1.B, 7.1.D, 7.1.F		Patterns 7.1.A		Symbolize Problem Solutions 7.1.F, 7.1.H		Using Percentages 7.3.A		ALL LISTED TOPICS		
	Items	Score	Items	Score	Items	Score	Items	Score	Items	Score	Items	Score	Items	Score	Items	Score	Items	Score	Items	Score			
Student 1	3	33.3%	3	100.0%	3	100.0%	3	66.7%	3	66.7%	3	66.7%	3	33.3%	3	66.7%	3	100.0%	3	66.7%	30	70%	0 out of 28 (0%)
Student 2	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0 out of 28 (0%)
Student 3	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0 out of 28 (0%)
Total	3	33.3%	3	100%	3	100%	3	66.7%	3	66.7%	3	66.7%	3	33.3%	3	66.7%	3	100%	3	66.7%	30	70%	0 out of 84 (0%)