

Math is an integral part of our everyday lives. It is crucial for students to develop the math skills necessary for solving a wide range of problems encountered in the real world.

This binder includes reproducible activities that provide practice with a variety of math formats commonly used in our daily lives. The activities are divided into six units, each focusing on a different math-related topic.

Based on her years of teaching at-risk middle school students as well as GED classes to struggling adult learners, Bonnye Wier Cavazos created this program to reach and engage students who struggle with math. Each activity sheet includes clear, simple directions and short activity questions and sentences written at a low reading level. The activities feature realistic graphic representations that middle school and high school students and adults already encounter or will soon encounter.

Six Units

Each unit provides a teacher lesson plan to introduce the real-world math skills to be covered. Also included are a parent letter, ten practice pages, a list of extension activities, and an assessment. The units are:

Weather Sports Contracts Jobs Banking Budgeting

Unit Lessons

At the beginning of each unit is a two-page lesson that introduces and teaches the real-world math topic. Each lesson includes objectives, a materials list, and a lesson plan that provides for class discussion, grouping of students, and hands-on participation.





Parent Letter

Before beginning a new unit, a copy of the parent letter should be sent home with each student. The parent letter explains the topics being studied in the unit and offers suggestions for at-home practice.

Activity Sheets

Each reproducible activity sheet features a clear and concise introduction to the topic. After reading the brief introduction, students will review a realistic graphic representation of information pertaining to the topic. They will then read simple directions instructing them to use the chart, table, or diagram to solve math problems related to the topic. Students will use a variety of math skills to solve the problems as the skills naturally relate to the material. In many cases, students may need to use calculators to find answers and/or check their work.

Extension Activities

After completing all of the activity sheets in a unit, each student should choose one extension activity to further apply the skills that have been learned. Each unit contains a list of ten different suggestions. The activities vary in difficulty level and appeal to students with different learning styles, making this section appropriate for students of varying ability and interest levels. Some students may prefer to conduct surveys, while others might feel more comfortable writing an explanation of the math process or making a poster.

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Assessments

Each unit includes an assessment with questions that focus on the math topics covered in the unit. The assessments follow the same format as the activity sheets, including simple directions, realistic sample items students must use to obtain information, and problems to solve. In many cases, students may need to use calculators to solve the problems and/or check their work.

Name:					Date:	
👬 💮 U1	nit 1 /	Asse	ssme	nt		
Part 1: Hi	igh and L	ow Temp	eratures			
DIRECTION	4S: Calculate	e the differer	nce between	the high and	d low temperatures for	
cuuri duy.						
Weather for the Week (in 'F)						
	1mm	\sim	ŝ	1	(The second seco	
	Sec.	114	$\boldsymbol{\omega}$	¥	\mathcal{O}	
	Sunny	T-Storms	Cloudy	Sunny	Cloudy	
	High Low 97' 75'	High Low 90* 72*	High Low 95° 79°	High Low 98° 74°	High Low 92" 70"	
 Tuesday Wednes 	:					
 Thursda Friday: _ 	y:					
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Answer Key

For your convenience, an answer key is included at the end of the binder, showing the correct answers for each activity sheet and unit assessment. In cases where several answers could be correct, "Answers will vary" is noted.

PAGE 4	PAGES 11-12
1 22'	PAGES 11=12 1 16'
9 22	9
2. 22 a. not	2
3.28	3. 2/
4. 1/ 6. 92°	4.31 6.1
B. 23	0. I
6. 12 7 Se ² Annual will write	6.8 7 m ⁻¹
7. 10, AllSwei z win vary.	2. 10 0. 4*
PAGES 5-6	0.4 0.10°
4 70'	40 11
2 1921	10. 11
3. The answer should be the current year	PAGE 13
minus 1886.	1 Valdez, El Paso and Houston
4. The answer should be the current year	2. Valdez, El Paso
minus 1963.	3. El Paso, Fairbanks
5. 51 years	4. Valdez, Fairbanks
6. 78 years	Answers will vary.
7. 84.5	
8. 15.3'	PAGE 14
9. 80'	1. 0°C
10. 86', 17'	2. 36.7°C
	3. 20°C
PAGE 8	4. 7.8°C
1. May 17, 1979	5. 64.4°F
2. February 10, 1899	6. 71.6°F
 February 12, 1899 	7. 53.6°F
4. Mountain Lake	8. 86'F
5. Mt. Washington	B105 15
6. Falls Village	PAGE 15
7. Alaska	1. 7 inches
8. Hawaii	2. July
9. Indiana	3. July
 Utan, Answers Will Vary. 	4. b.1 inches 5. 79 inches
PAGE 9	6 12 5 inches
1 April 27 1921	7 97.9 inches
2. July 11 1888	8. 52 inches
2 July 15, 2006	9 54 inches
4. Death Valley	10. 65 8 inches
5. Providence	
6. 2 880 feet	PAGE 16
7. California	1. New York: 5.26 inches. Los Angeles:
8. June: 7. July: 31. August: 10. September: 1	3.29 inches, Orlando: 2.65 inches.
9. Indiana	New Orleans: 5.59 inches, Olympia: 14.69
10. South Dakota, Answers will vary	inches, Austin: 1.07 inches