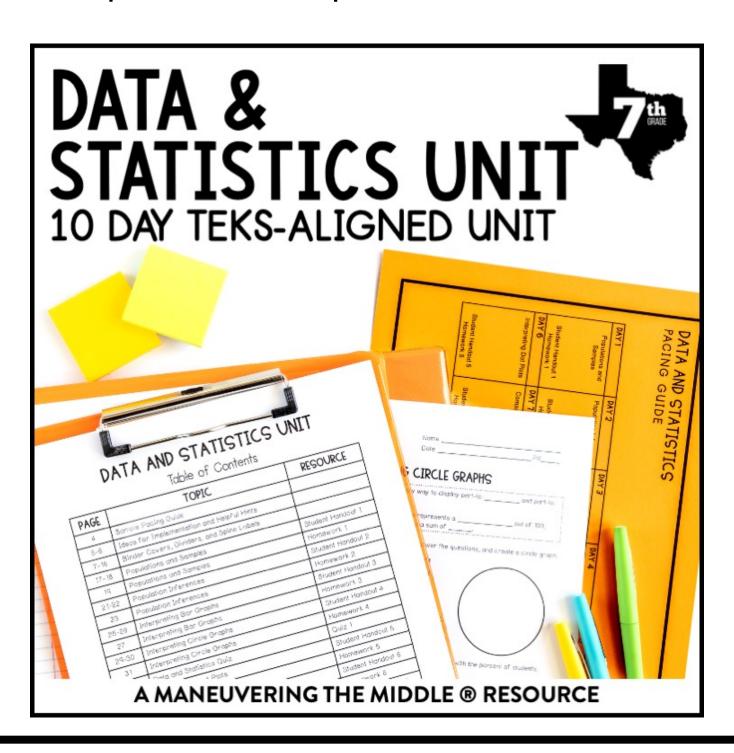
learning focus:

- solve problems using data represented in bar graphs, circle graphs, and dot plots
- √ make inferences about a population
- compare the shapes, centers, and spreads of dot plots and box plots





a 10 day TEKS-aligned unit TEKS: 7.6F, 7.6G, 7.12A, 7.12B, 7.12C

ready-to-go, scaffolded student materials

DATA AND STATISTICS UNIT

Table of Contents

PAGE	TOPIC	RESOURCE	
4	Sample Pacing Guide		
5-6	Ideas for Implementation and Helpful Hints		
7-16	Binder Covers, Dividers, and Spine Labels		
17-18	Populations and Samples	Student Handout 1	
19	Populations and Samples	Homework 1	
21-22	Population Inferences	Student Handout 2	
23	Population Inferences	Homework 2	
25-26	Interpreting Bar Graphs	Student Handout 3	
27	Interpreting Bar Graphs	Homework 3	
29-30	Interpreting Circle Graphs	Student Handout 4	
31 Interpreting Circle Graphs		Homework 4	
33-34	Data and Statistics Quiz	Quiz 1	
35-36	Interpreting Dot Plots	Student Handout 5	
37	Interpreting Dot Plots	Homework 5	
39-40	Comparing Dot Plots	Student Handout 6	
41 Comparing Dot Plots		Homework 6	
43-44	Comparing Box Plots	Student Handout 7	
45	Comparing Box Plots	Homework 7	
47-50	Data and Statistics Unit Study Guide	Study Guide	
51-53	Data and Statistics Unit Test	Test	

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student friendly + real-world application

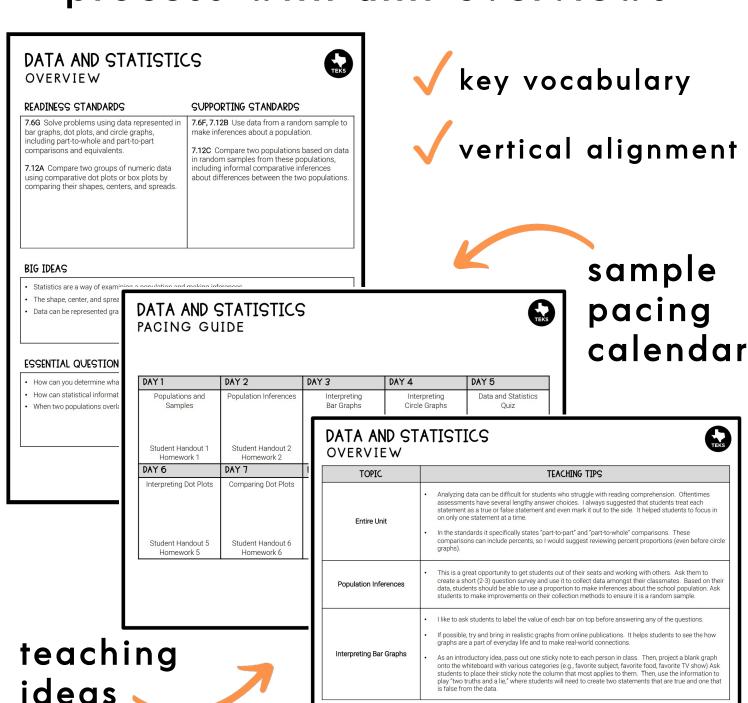
	NamePd DatePd ON INFERENCES	application
OPULATION NEEDENCEC	sen collected from a population, an	en and TV SHOW GADULTS
What percentage of students surveyed. There are 350 students in the 6 th grade ow many students can be expected to sig	b. What percentage of subscribers sur	Unit: Data & Statistics Homework 2 Population Inferences
Of the 350 students in the 6 th grade, ho eater?	sample, how many adult subscribers ca d. What percentage of subscribers tha	The Mitchell Junior High newspaper staff conducted a survey on school start times with two samples of 40 randomly selected students to represent the entire 600-member student population. The results are shown below. 7:45 AM START TIME START TIME START TIME START TIME
The school decides to drop any elective ys that since only 6 students would like t or is not correct.	e. Mark each of the following statemen More teens were surveyed the Adults liked dramas more thar Half as many teens chose acti	SAMPLE #1 12 18 10 SAMPLE #2 14 19 7 1. Read each headline and explain if the statement is supported by the data. HEADLINE A HEADLINE B HEADLINE C HEADLINE D
Mark each of the following statements Over half of the students at Eas Combined, the Spanish and art c	Use your knowledge of population infers 3. The school counselor randomly select ways they get home from school. Base represent the data?	OVER 300 STUDENTS WANT TO START AFTER 8:00 AM Headline A:
Out of the 350 students at Easts		Headline B:
	TRANSPORTATION HOME DB	Headline D:
	Summarize today's lesson:	Use your understanding of population inferences to answer the questions below. 2. A school board randomly samples 80 students to determine their opinion on requiring school
L		uniforms for the next school year. The table shows the results of the survey. OPPOSED UNDECIDED IN FAVOR
gher lev	el 🖊 📗	a. If 1,200 students are in the district, how many students can be expected to oppose school uniforms?
nalysis		b. Bernice says that based on the survey, a student is more likely to be undecided or opposed than in favor. Do you agree or disagree? Why or why not?

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streamline your planning process with unit overviews

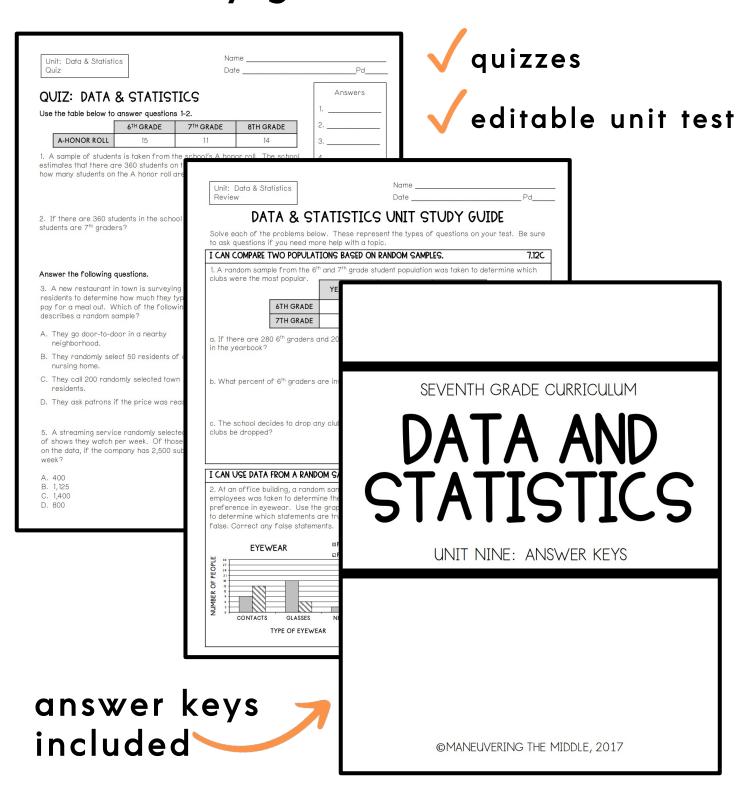


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unit study guide + assessments



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