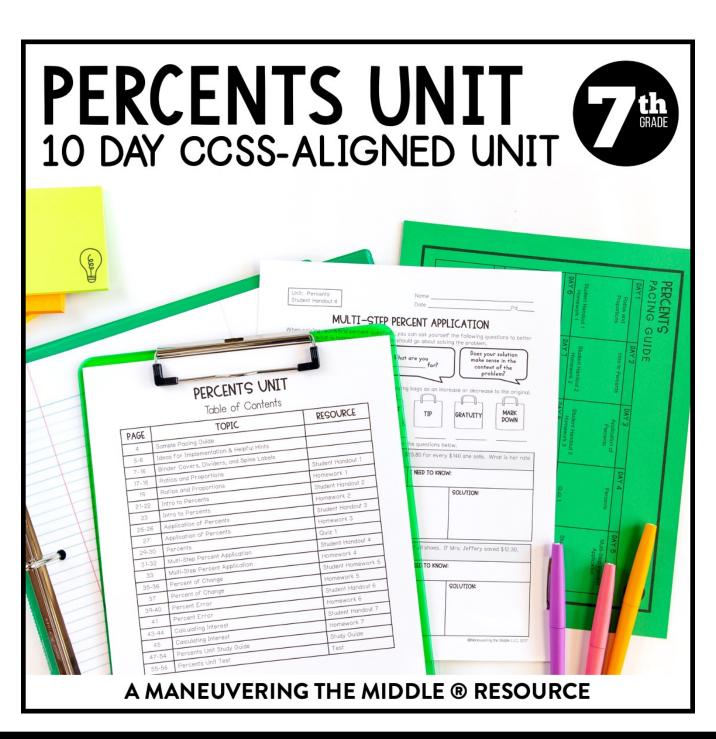
learning focus:

- use proportional relationships to solve multistep ratio and percent problems
- \checkmark solve problems involving simple interest
- apply percents to real-world situations, including percent of change and percent error





a 10 day CCSS-aligned unit CCSS: 7.RP.2, 7.RP.3

ready-to-go, scaffolded student materials

PERCENTS UNIT

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a 10 day CCSS-aligned unit CCSS: 7.RP.2, 7.RP.3

student friendly + real-world application

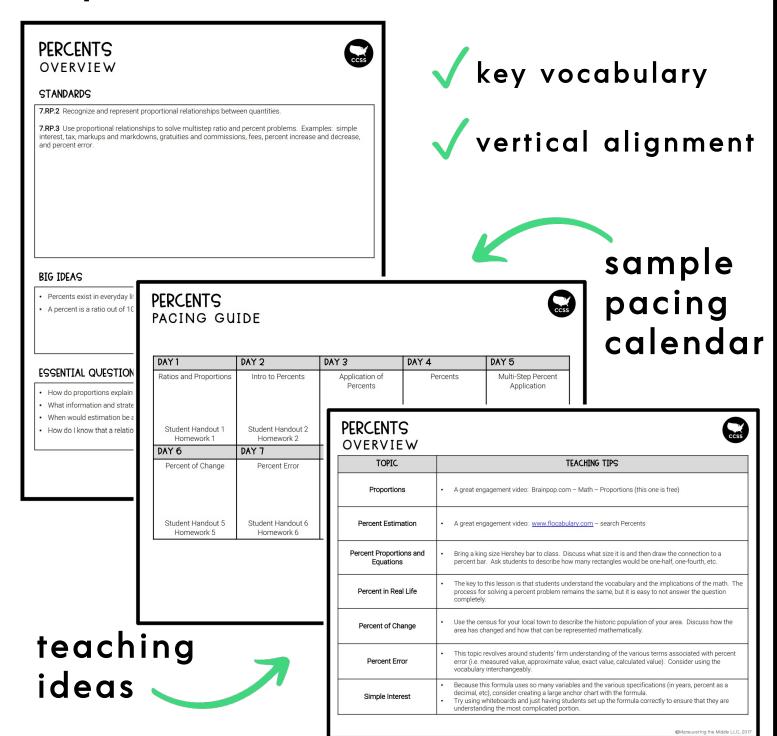
Unit: Percents Student Handout 2 INTRO Leona and Paris were looking at a model in I says that the model represents 12% because Paris says that isn't true. How could Paris e.	TO PERCENTS Mrs. Henry's class. Leona 12 squares were shaded.		se of g evel mo	
PERCENTAGES • Percent is a pa • Percents can be $Ex: 78\% = -$ $Ex: \frac{3}{5} \rightarrow -5$	1 5 rota	100 = whole	= % · WHOLE (AS A DECIMAL) ← (DECIMAL) ← (PERCENT)	
Fraction: decimal: percent: Percent problem SOLVING PERCENT PROBLEMS Plug the given v for the missing	Use your understanding of proportions 4. Use the tape diagram below to set u proportion and/or equation. x 40 20 100% Use your understanding of percent pro 6. What number is 12% of 7. 60 315? 7. 60 9. Kai knows that 50% of a number is 150% of the number is? 10. Five proportions are given below. solve the problem, "What is 36% of 15 \[\frac{x}{150} = \frac{36}{100} \] \[\frac{150}{x} = \frac{36}{100} \]	1. Which of the following propoused to find, "42 is 35% of who as $\frac{35}{100} = \frac{x}{42}$ c. $\frac{x}{35} = \frac{42}{100}$ b. $\frac{35}{x} = \frac{42}{100}$ d. $\frac{35}{100} = \frac{42}{x}$	INTRO TO PERCENT ortions could be 2. What does at number?"	fraction: decimal: percent:
higher le	Summarize today's lesson:	create a proportion or equation statement. MAXINE can use the proportion x _ 16	m, "Find 16% of 50" on the whiteh to solve the problem. Circle the THEO BRY I know the of 50 is g be less the can dide 50 by 16. I know the of 50 is g be less the can dide 50 by 16.	AN ELAINE oing to han 10, use band in the same of anyone who made a true AN ELAINE I can change 16% to 1.6 and multiply it by 50.



a 10 day CCSS-aligned unit

CCSS: 7.RP.2, 7.RP.3

streamline your planning process with unit overviews

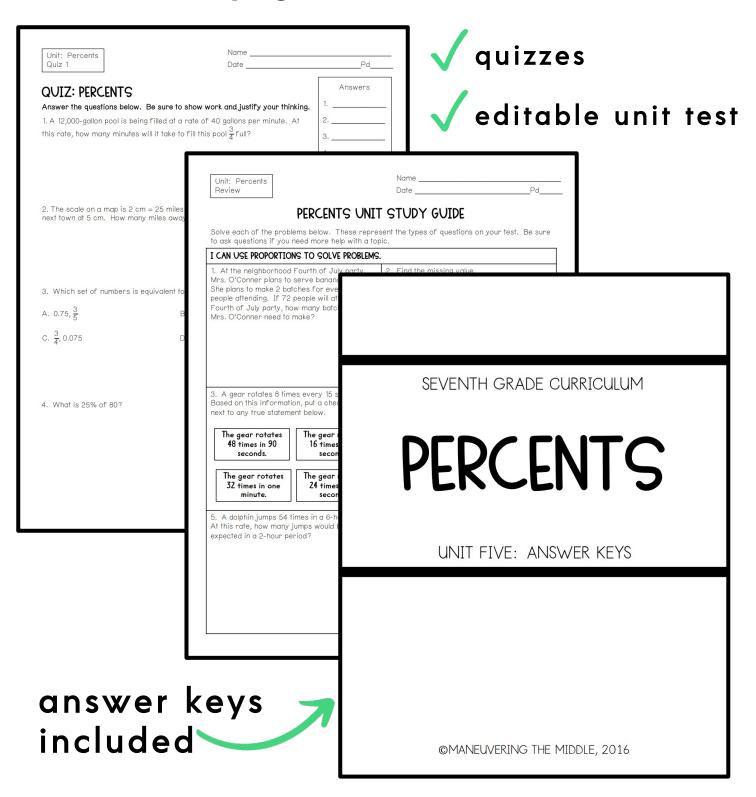


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a 10 day CCSS-aligned unit CCSS: 7.RP.2, 7.RP.3

unit study guide + assessments



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