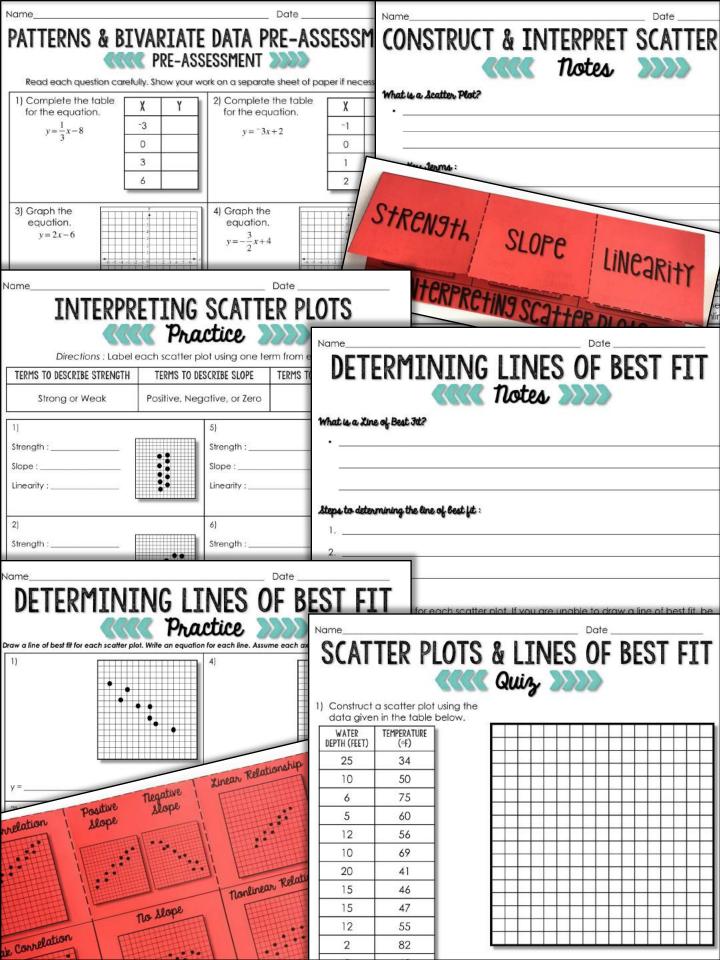
PATTERNS & BIVARIATE DATA Unit Plan

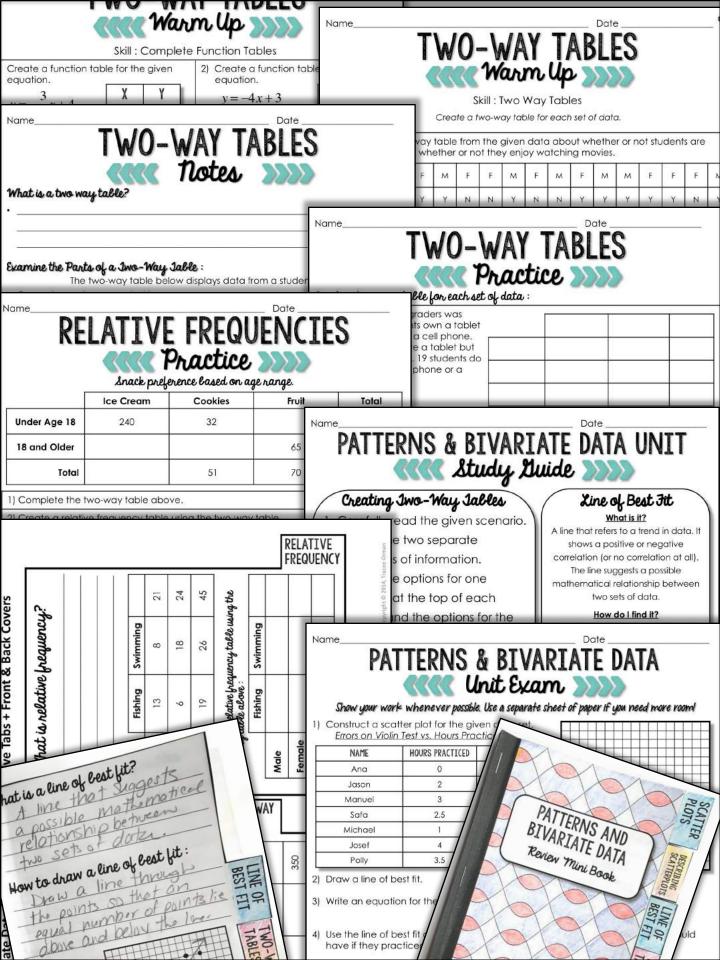
LESSON	RESOURCES
Before the Unit (Pages 6 – 12)	 Weekly Warm Up Sheet Exit Tickets Lesson Plan Template Vocabulary Pre-Assessment
(1) Constructing & interpreting scatter plots (8.SP.1) (Pages 13 – 24)	 Four Warm Ups Construct and Interpret Scatter Plots Notes Interpreting Scatter Plots Fold and Flip Notes Constructing Scatter Plots Worksheet Interpreting Scatter Plots Worksheet Interpreting Scatter Plots with Real Data Worksheet
(2) Determining & predicting with lines of best fit (8.SP.2 & 8.SP.3) (Pages 25 – 34)	 Five Warm Ups Determining Line of Best Fit Notes Determining Line of Best Fit Worksheet Scatter Plots and Line of Best Fit Quiz
(3) Two-way tables (8.SP.4) (Pages 35 – 45)	 Four Warm Ups Two-Way Tables Notes (2 pages) Frequency and Relative Frequency Notes Two-Way Tables Worksheet (2 pages) Relative Frequencies Worksheet
End of Unit	Review Sheet

Review Tabbed Mini Book

Unit Exam

(pages 46 - 55)





Unit Prep PATTERNS AND BIVARIATE DATA UNIT

SUGGESTED TIME FRAME: ONE DAY

Resources Included:

- Weekly Warm Up Sheet
 - Copy weekly for each student. This provides them with an organized place to keep their warm ups each day and makes it simple for grading.
- Exit Tickets
 - This sheet includes 5 exit tickets that can easily be cut or torn by students and turned in each day. Provide students with a single problem to solve or question to respond to at the end of each class.
 - Exit ticket problems are not included since classes work at different paces.
- Lesson Plan
 - A blank lesson plan template is included for you to print and record your daily lesson(s).
- Vocabulary
 - Two versions of the vocabulary sheet are included. One pre-filled with words from the unit and one blank.
- Pre-Assessment
 - A short one page assessment

Lesson 1: Construct & Interpret Scatter Plots

PATTERNS AND BIVARIATE DATA

SUGGESTED TIME FRAME: THREE - FIVE DAYS

- Four Warm Ups
- Construct and Interpret Scatter Plots Notes
- Interpreting Scatter Plots Fold and Flip Notes
- Constructing Scatter Plots Worksheet (for homework or independent practice)
- Interpreting Scatter Plots Worksheet (for homework or independent practice)
- Interpreting Scatter Plots with Real Data Worksheet (for homework or independent practice)

ESSENTIAL SKILLS

- Gather, organize and display bivariate data.
- Analyze data points on a scatter plot and describe the relationship.
- Investigate patterns of association in bivariate data.

Xesson 2: Xines of Best Fit PATTERNS AND BIVARIATE DATA UNIT

SUGGESTED TIME FRAME: THREE - FIVE DAYS

- Five Warm Ups
- Determining Line of Best Fit Notes
- Determining Line of Best Fit Worksheet (for homework or independent practice)
- Scatter Plots and Line of Best Fit Quiz

ESSENTIAL SKILLS

- Analyze bivariate data to make inferences or predictions.
- Investigate patterns of association in bivariate data.
- Analyze data points on a scatter plot and describe the relationship.

Zesson 3: Jwo-Way Jables PATTERNS AND BIVARIATE DATA UNIT

SUGGESTED TIME FRAME: THREE - FIVE DAYS

- Four Warm Ups
- Two-Way Tables Notes (2 pages)
- Frequency and Relative Frequency Notes
- Two-Way Tables Worksheet (2 pages for homework or independent practice)
- Relative Frequencies Worksheet (for homework or independent practice)

ESSENTIAL SKILLS

- Gather, organize and display bivariate data.
- Analyze points in a two way table.

End of Unit PATTERNS AND BIVARIATE DATA UNIT

SUGGESTED TIME FRAME: TWO DAYS

Two days should be allotted for the end of the unit to allow time for review.

Resources Included:

- Study Guide
- Review Mini Book
- Final Unit Exam