



WESTSIDE HIGH SCHOOL

Level Up: *RISE* to Your Potential

24-25 Lesson Plan Template

Teacher: **COACH BARROW**

Subject: **ON RAMPS STATISTICS**

Week of: SEPTEMBER 30	Monday	Tuesday	Wed./Thurs.	Friday
TEKS	<p>1(G) Display, explain, or justify mathematical ideas and arguments using precise mathematical language in written or oral communication.</p> <p>4(B) Represent and summarize data and justify the representation.</p> <p>4(C) Analyze the distribution characteristics of quantitative data, including determining the possible existence and impact of outliers.</p>	<p>1(G) Display, explain, or justify mathematical ideas and arguments using precise mathematical language in written or oral communication.</p> <p>4(B) Represent and summarize data and justify the representation.</p> <p>4(C) Analyze the distribution characteristics of quantitative data, including determining the possible existence and impact of outliers.</p>	<p>1(G) Display, explain, or justify mathematical ideas and arguments using precise mathematical language in written or oral communication.</p> <p>4(B) Represent and summarize data and justify the representation.</p> <p>4(C) Analyze the distribution characteristics of quantitative data, including determining the possible existence and impact of outliers.</p>	NO SCHOOL
Learning Objective	STUDENTS WILL BE ABLE TO DISCUSS THE RELATIONSHIP BETWEEN SPREAD AND SHAPE OF DISTRIBUTION,	STUDENTS WILL BE ABLE TO DISCUSS THE RELATIONSHIP BETWEEN SPREAD AND SHAPE OF DISTRIBUTION,	STUDENTS WILL BE ABLE TO DISCUSS THE RELATIONSHIP BETWEEN SPREAD AND SHAPE OF DISTRIBUTION,	NO SCHOOL

	DETERMINE WHICH MEASURES OF CENTER AND SPREAD ARE APPROPRIATE BASED ON THE DISTRIBUTION SHAPE, AND SUMMARIZE THE IMPACT OF SKEWNESS AND OUTLIERS ON MEASURES OF CENTER AND SPREAD.	DETERMINE WHICH MEASURES OF CENTER AND SPREAD ARE APPROPRIATE BASED ON THE DISTRIBUTION SHAPE, AND SUMMARIZE THE IMPACT OF SKEWNESS AND OUTLIERS ON MEASURES OF CENTER AND SPREAD.	DETERMINE WHICH MEASURES OF CENTER AND SPREAD ARE APPROPRIATE BASED ON THE DISTRIBUTION SHAPE, AND SUMMARIZE THE IMPACT OF SKEWNESS AND OUTLIERS ON MEASURES OF CENTER AND SPREAD.	
Higher Order Thinking Questions				
Agenda	1. WAG 2. 2.3 DISCUSSION 3. COMPARING MEASURES OF CENTER ACTIVITY 4. LESSON CHECK 2.3	1. R STUDIO SHINY APP SIMULATION 2.3 2. R STUDIO NUMERIC DESCRIPTIVE TUTORIAL 3. HOMEWORK 2.3	1. LAB 2.3	NO SCHOOL
Demonstration of Learning	LESSON CHECK 2.3	R STUDIO SHINY APP SIMULATION 2.3 HOMEWORK 2.3	LAB 2.3	NO SCHOOL
Intervention & Extension				
Resources	COMPARING MEASURES OF CENTER ACTIVITY SHEET	RSTUDIO	RSTUDIO	NO SCHOOL