

Name Angela Roberson	Name of Unit The Greatest Game Ever Played	Day 1	Grade Level 6th grade/Math
Objective	Procedures	Materials	Evaluation
<p>Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread and overall shape</p>	<p>Whole Group Teacher will</p> <ul style="list-style-type: none"> ❖ Introduce vocabulary using vocabulary cards (data statistics statistical question, measures of center, mean, median, mode, gaps, clusters, outliers, mean absolute deviation) ❖ Model writing a statistical question <p>Student will</p> <ul style="list-style-type: none"> ❖ Define and list examples of each vocabulary <p>Guided Practice Teacher will</p> <ul style="list-style-type: none"> ❖ Model identifying and answering a statistical question ❖ Monitor students <p>Student will</p> <ul style="list-style-type: none"> ❖ In small groups create 4 statistical questions from 1st Inning- of <i>We are The Ship</i> <p>Independent Practice Teacher will</p> <ul style="list-style-type: none"> ❖ Monitor students ❖ Work in small groups with Tier-2-3 students <p>Students will</p> <ul style="list-style-type: none"> ❖ Determine which questions are statistical questions and which are not using data about players from the Negro League teams.(Below level) ❖ Create 10 statistical questions related to baseball (On level and Above) <p>Reteach</p> <ul style="list-style-type: none"> ❖ Reading math questions and determine what 	<p><i>We Are the Ship, the Story of the Negro League of Baseball</i> by Kadir Nelson</p> <p>12 vocabulary cards for each student</p> <p>Teacher made flip chart with notes about statistical questions.</p>	<p>Teacher Observation Statistical questions written in notebook</p>

	<p>Enrichment</p> <ul style="list-style-type: none">❖ Research 4 current baseball players' data, create statistical questions and give to a peer.❖ Answer 4 questions written by a peer		
--	--	--	--

MVSU NCLB 2016 Summer Reading Institute
Lesson Plan Template

Name Angela Roberson	Name of Unit The Greatest Game Ever Played	Day 2	Grade Level 6th grade/Math
Objective	Procedures	Materials	Evaluation
<p>Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread and overall shape</p>	<p>Whole Group Teacher will</p> <ul style="list-style-type: none"> ❖ Describe the center of distribution (mean, median, and mode) ❖ Define clusters gaps and outliers. ❖ Rap <i>Measures of center</i> song <p>Student will</p> <ul style="list-style-type: none"> ❖ Draw Frayer’s model to define and list examples of center of distribution <p>Guided Practice Teacher will</p> <ul style="list-style-type: none"> ❖ Model calculating mean, median, and mode using I do/you do <p>Student will</p> <ul style="list-style-type: none"> ❖ Copy the problem the teacher model ❖ Complete problem given by the teacher. <p>Independent Practice</p> <ul style="list-style-type: none"> ❖ Calculate the mean, median mode and range for 10 problems. ❖ On level will have 10 2 digit numbers in the data set.(5 will have a decimal in the mean) ❖ Above level will have numbers to the tenth’s place in the data set ❖ Below level will have 5 single digit and 5 double digits (mean will be a whole number in the set) <p>Reteach</p> <ul style="list-style-type: none"> ❖ Reteach dividing whole numbers and decimals in the dividend 	<p><i>We Are the Ship, the Story of the Negro League of Baseball</i> by Kadir Nelson Written copy of <i>Measures of center</i> (rap) Notebook Pencil Stats of 10 players of Negro League</p>	<p>Teacher Observation Mean, Median and mode activity</p>

MVSU NCLB 2016 Summer Reading Institute
Lesson Plan Template

Name Angela Roberson	Name of Unit The Greatest Game Ever Played	Day 3	Grade Level 6th grade/Math
Objective	Procedures	Materials	Evaluation
<p>6.SP.5a Summarize numerical data sets in relation to their context</p>	<p>Whole Group Teacher will</p> <ul style="list-style-type: none"> ❖ Review calculating Measures of Center ❖ Model calculating Measures of Variability ❖ Review using a calculator <p>Student will</p> <ul style="list-style-type: none"> ❖ Solve review problems in notebook and verbally answer ❖ Take notes on measures of variability <p>Guided Practice Teacher will</p> <ul style="list-style-type: none"> ❖ Monitor students <p>Student will</p> <ul style="list-style-type: none"> ❖ Using i-pads find data about 3 players from the Negro League who also played in the Major Leagues ❖ Calculate the range, interquartile range ❖ <p>Independent Practice</p> <ul style="list-style-type: none"> ❖ Use a four function calculator to calculate measures of variability(On level and Below) ❖ Calculate measures of center (without calculator) and measures of variability using calculator <p>Reteach</p> <ul style="list-style-type: none"> ❖ Review calculating measures of center ❖ Review rules for dividing 	<p><i>We Are the Ship, the Story of the Negro League of Baseball</i> by Kadir Nelson Four function calculator (one for each student)</p>	<p>Teacher Observation</p>

MVSU NCLB 2016 Summer Reading Institute
Lesson Plan Template

Name Angela Roberson	Name of Unit The Greatest Game Ever Played	Day 4	Grade Level 6 th grade/Math
Objective	Procedures	Materials	Evaluation
<p>6.SP.5a Summarize numerical data sets in relation to their context</p>	<p>Whole Group Teacher will</p> <ul style="list-style-type: none"> ❖ Review measures of center and measures of variability ❖ Discuss why statistics is important in real-world <p>Student will</p> <ul style="list-style-type: none"> ❖ Verbally say how they can use statistics <p>Guided Practice Teacher will</p> <ul style="list-style-type: none"> ❖ Monitor students ❖ Work with Tier 2-3 students on calculating measures of center and measures of variability <p>Student will</p> <ul style="list-style-type: none"> ❖ Use Scoot activity to calculate measures of center <p>Independent Practice</p> <ul style="list-style-type: none"> ❖ Calculate measures of variability ❖ Below level four 2 digit numbers four 1 digit numbers ❖ On level 8 2 digit numbers ❖ Above calculate measures of center and measures of variability for 10 sets of 2 digit and numbers 	<p><i>We Are the Ship, the Story of the Negro League of Baseball</i> by Kadir Nelson</p>	<p>Teacher Observation</p>

MVSU NCLB 2016 Summer Reading Institute
Lesson Plan Template

Name Angela Roberson	Name of Unit The Greatest Game Ever Played	Day 5	Grade Level 6th grade/Math
Objective	Procedures	Materials	Evaluation
<p>6.SP2 Understand that a set of data collected to answer a statistical question has a distribution which can be described by its center, spread and overall shape</p> <p>6.SP.5a Summarize numerical data sets in relation to their context</p>	<p>Whole Group</p> <ul style="list-style-type: none"> ❖ Complete test on ❖ Below level 15 multiple choice 5short answer with justification sheet ❖ On level 8 multiple choice and 12 short answer ❖ Above 8 multiple choice and 12 short answer 	<p><i>We Are the Ship, the Story of the Negro League of Baseball</i> by Kadir Nelson</p>	<p>Teacher Observation Teacher generated questions using google docs</p>