Brandon Valley School District

District Learning Plan

May 11-15, 2020

Grade 5 Math

LESSON/UNIT: Amusement Park   **SUBJECT/GRADE:** Math   **DATES:** May 11-15

What do students need to do? **Link to BV instructional video for week of May 11-15, 2020**	● **Monday (5/11)**: Planning--See ELA plan ● **Tuesday (5/12):** Outline 10 sections of different sizes on your grid paper and name them by attraction to represent the aerial view of your amusement park. Label the area and perimeter of each section in meters. Area equals the total number of squares inside each section or length x width. Perimeter equals the total number of squares on the outside edge or add the length of each side. Write the area and perimeter totals inside each section. Remember that area is labeled in square units. ● **Wednesday (5/13):** See Social Studies plan ● **Thursday (5/14):** See ELA plan ● **Friday (5/15):** See Science plan

What do students need to bring back to school?	1. Turn in your aerial view graph paper

What standards do the lessons cover?	Number and Operations—Fractions5 5.NF 4. Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction. a. Interpret the product $(a/b) \times q$ as a parts of a partition of q into b equal parts; equivalently, as the result of a sequence of operations $a \times q \div b$. For example, use a visual fraction model to show $(2/3) \times 4 = 8/3$, and create a story context for this equation. Do the same with $(2/3) \times (4/5) = 8/15$. (In general, $(a/b) \times (c/d) = ac/bd$.) b. Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths. Multiply fractional side lengths to find areas of rectangles, and represent fraction products as rectangular areas.
What materials do students need? What extra resources can students use?	Need: Day 2 aerial graph paper
What can students do if they finish early?	1 ALEKS-- https://www.aleks.com/ 2. Practice your math facts- https://www.factmonster.com/math/flashcards
Who can we contact if we have questions?	**Brandon Valley Intermediate School** **Principal-** Mr. Skibsted- Nick.Skibsted@k12.sd.us **Assistant Principal-** Mr. Pearson- Rick.Pearson@k12.sd.us **Math Teachers:** Mr. Mashlan- Justin.Mashlan@k12.sd.us (blue team) Mr. Carroll- Scott.Carroll@k12.sd.us (red team) Mr. Peters- Jon.Peters@k12.sd.us (white team) Mr. Wiese- Alex.Wiese@k12.sd.us (silver team

Notes:

Instructional materials are posted below (if applicable)

Example

Roller Coaster
A = 99 m²
P = 40 m

Log Flume
A = 112 m²
P = 44 m