

Brandon Valley School District
District Learning Plan
April 27-May 1, 2020

Grade 3 Math



Brandon Valley School District Distance Learning Plan

LESSON/UNIT: Area

SUBJECT/GRADE: Math/3rd Grade

DATES: April 27-May 1

What do students need to do? <u>PART ONE link to BV instructional video for week of April 27 - May 1, 2020</u> <u>PART TWO link to BV instructional video for week of April 27 - May 1, 2020</u> <u>PART THREE link to BV instructional video for week of April 27 - May 1, 2020</u>	Monday (4/27) - Area of a Shape Complete Area of a Shape worksheet Tuesday (4/28)- Lesson 4 Measure Area Complete My Homework pg. 775-776 Wednesday (4/29)- Lesson 5 Hands On: Tile Rectangles to Find Area Complete My Homework pg. 783-784 Thursday (4/30)- Dream House- Start working on creating your dream house! Be creative! Remember to use only straight lines on your graph paper! Dream houses may contain movie theaters, swimming pools, arcades, bowling alleys, etc. Label each room as you design it! Friday (5/1)- Dream House- Complete your dream house today! You may add color to your rooms if you wish. Once complete, find the area of each room. Using a pen, marker or dark crayon, write the area inside each room.
What do students need to bring back to school?	All work completed for the following worksheets: 1. Area of a shape worksheet 2. Lesson 4 pg. 775-776 3. Lesson 5 pg. 783-784 4. Share your dream house with your teacher (email a photo or turn in the paper) When the work is completed, you may send it electronically to your child's teacher or drop it off at their school in the 3rd grade tub.
What standards do the lessons cover?	3.MD.5b A plane figure can be covered without gaps or overlaps by n unit squares is said to have an area of n square units. 3.MD.5 Recognize area as an attribute of plane figures and understand concepts of area measurement. 3.MD.7a Find the area of a rectangle with whole number side lengths by tiling it, and show that the area is the same as would be found by multiplying the side lengths.
What materials do students need? What extra resources can students use?	Need: Pencil, math workbooks or copy of workpage (contact your teacher if you need this) (may print or use lined/unlined paper if a copy in math book isn't available.) Extra: https://jr.brainpop.com/math/measurement/area/ https://www.youtube.com/watch?v=uKKI8R1xBM
What can students do if they finish early?	● Flashcards ● Find the perimeter of some household objects by measuring all the sides and adding them together ● Find the area of some household objects by measuring the length and width and multiplying them together ● Practice math facts

	• Play a math facts game using a deck of cards or dice • Utilize resources on your child's teacher's website
Who can we contact if we have questions?	<u>Brandon Elementary</u> Building Principal: Mr. Horst- merle.horst@k12.sd.us Teachers: Ms. Buum- Blossom.Buum@k12.sd.us Ms. Flint- Jill.Flint@k12.sd.us Mr. Kramer- Brent.Kramer@k12.sd.us Mr. Johnson- Andy.Johnson@k12.sd.us <u>Robert Bennis Elementary</u> Building Principal: Ms. Hofkamp- Kristin.Hofkamp@k12.sd.us Teachers: Mr. Bobzien- Adam.Bobzien@k12.sd.us Mr. Ganschow- Jeff.Ganschow@k12.sd.us Ms. Pederson- Jill.Pederson@k12.sd.us Ms. Rozier- danylle.rozier@k12.sd.us <u>Fred Assam Elementary</u> Building Principal: Ms. Foster- susan.foster@k12.sd.us Teachers: Ms. Hunsaid- Jessica.Hunsaid@k12.sd.us Ms. Jones- Deb.Jones@k12.sd.us Ms. Kieffer- Michelle.Kieffer@k12.sd.us Ms. Van Leur- Chelsea.Vanleur@k12.sd.us <u>Valley Springs Elementary</u> Building Principal: Ms. Palmer- tanya.palmer@k12.sd.us Teacher: Ms. Kocer- Cassie.Kocer@k12.sd.us
Notes: We are so proud of you!!!	

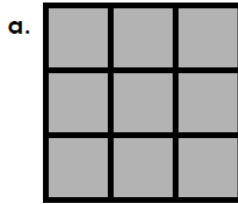
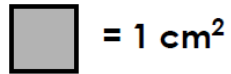
Instructional materials are posted below (if applicable)

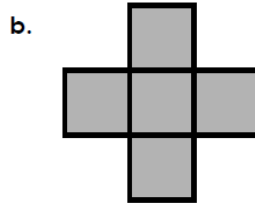
Brandon Valley School District

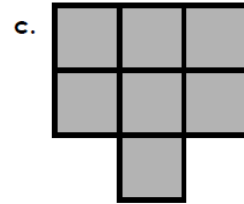
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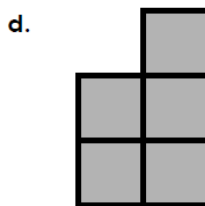
Area of a Shape

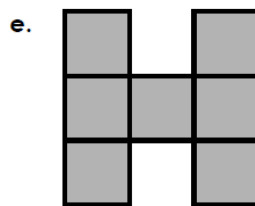
Find the area of each shape by counting the **square centimeters (cm²)**.

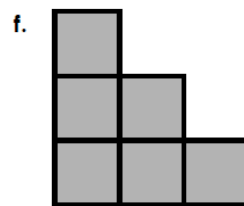


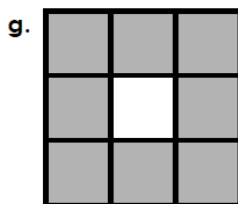


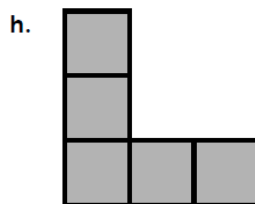


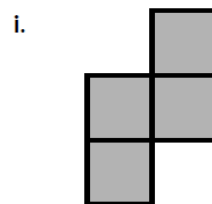




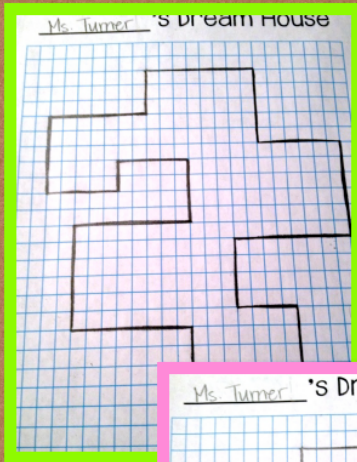




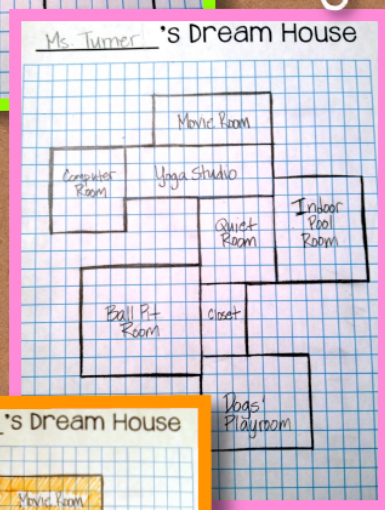




DREAM HOUSE EXAMPLE



Outline your dream house by drawing the outside walls. Your dream house should be a compound figure with all right angles.



Partition your dream house into rooms. Each room must be a rectangle.



Label and color each room.

Ms. Turner's Dream House

DIRECTIONS:

- ☐ Outline your dream house by drawing the outside walls. Your dream house should be a compound figure with all right angles.
- ☐ Partition your dream house into rooms. Each room must be a rectangle.
- ☐ Label and color each room.
- ☐ Find and record the area of each room.
- ☐ Add the area of all of your rooms to find the total area of your dream house.

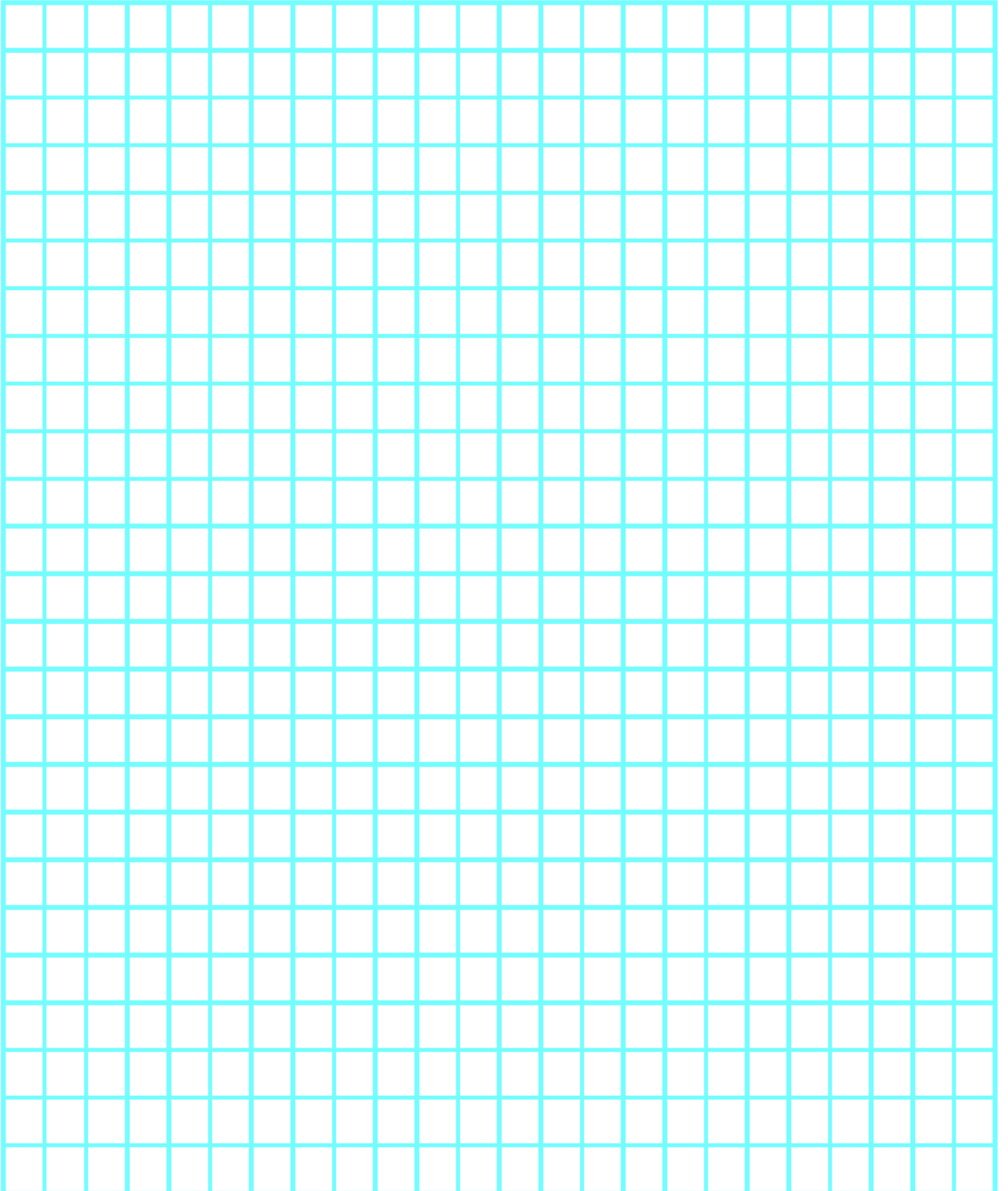
Record your work:

Movie Room: $8 \times 8 = 64 \text{ sq. in.}$ Yoga Studio: $5 \times 10 = 50 \text{ sq. in.}$ Computer Room: $5 \times 5 = 25 \text{ sq. in.}$ Quiet Room: $5 \times 5 = 25 \text{ sq. in.}$ Indoor Pool: $6 \times 6 = 36 \text{ sq. in.}$ Ball Pit Room: $6 \times 8 = 48 \text{ sq. in.}$ Closet: $4 \times 3 = 12 \text{ sq. in.}$ Dogs' Playroom: $5 \times 7 = 35 \text{ sq. in.}$	Total Area: <table border="0"> <tr> <td>64</td> <td>36</td> </tr> <tr> <td>50</td> <td>48</td> </tr> <tr> <td>25</td> <td>12</td> </tr> <tr> <td>+ 25</td> <td>+ 35</td> </tr> <tr> <td>104</td> <td>131</td> </tr> <tr> <td colspan="2">104 + 131</td> </tr> <tr> <td colspan="2">235</td> </tr> <tr> <td colspan="2">235 sq. in.</td> </tr> </table>	64	36	50	48	25	12	+ 25	+ 35	104	131	104 + 131		235		235 sq. in.	
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Find and record the area of each room.

Add the area of all of your rooms to find the total area of your dream house.

_____’s Dream House



Mrs. Freeborn's Dream House

