Brandon Valley School District

District Learning Plans

May 18-22, 2020

Last Week of School!

Grade 1

Monday

STEM DAY | GRADE: 1st | DATE: Monday, May 18, 2020

What do students need to do? **Link to BV STEM DAY instructional video for week of May 18-22, 2020**	**STEM Day** 1. Listen to the story "Day Light, Night Light" by Franklyn M. Branley. https://voicethread.com/share/14306795/ 2. Complete the handout and activity to explore shadows further (attached).

What do students need to bring back to school?	● Students are not required to submit evidence of completion; however, they may submit participation photos or short videos to their teachers. ● **Please feel free to share a video of your child building a tower or exploring shadows by clicking on the following link or scanning the QR code.** https://flipgrid.com/4c9f3e2e ● Students should submit (to their respective teacher) any required 4th quarter distance learning assignments not previously turned in.

What standards do the lessons cover?	Science: 1-PS4-2 Construct an evidence-based account for how objects can be seen only when illuminated 1-PS4-3 Plan and carry out an investigation to determine the effect of placing objects made of different materials in the path of a beam of light. Reading: 1.RL.1 Ask and answer questions about key details in a text. 1.RL.7 Use illustrations and details in a story to describe its characters, setting, or events. Math: Measure lengths indirectly and by iterating length units. Reason with shapes and their attributes.
What materials do students need? What extra resources can students use?	Need: ● Day Light - Night Light STEM handout (attached) ● Small object that will fit in your hand ● Various object that you think might allow light to pass through them ● Shadow tower - create or find about the length of your arm from your wrist to your shoulder. ● Sidewalk chalk or string ● Light source - sun, lamp, or flashlight ● Clear or almost clear objects ● Ruler

What can students do if they finish early?	Learn more about light and shadows! https://www.youtube.com/watch?v=YuUJCNzfoBw
Who can we contact if we have questions?	**Brandon Elementary** **Building Principal:** Mr. Horst- Merle.horst@k12.sd.us **Teachers:** Ms. Darling- Sarah.Darling@k12.sd.us Ms. Grabinski- Jillian.Grabinski@k12.sd.us Ms. Lindner- Erin.Lindner@k12.sd.us Ms. Meier- Heidi.Meier@k12.sd.us Ms. Visser- Erin.Visser@k12.sd.us **Fred Assam Elementary** **Building Principal:** Ms. Foster- susan.foster@k12.sd.us **Teachers:** Ms. Bisbee- Erin.Bisbee@k12.sd.us Ms. Brakke- Brandy.Brakke@k12.sd.us Ms. Felder- Sarah.Felder@k12.sd.us Ms. Herbers- Cathie.Herbers@k12.sd.us Ms. Kringen- Merissa.Kringen@k12.sd.us **Robert Bennis Elementary** **Building Principal:** Ms. Hofkamp- Kristin.Hofkamp@k12.sd.us **Teachers:** Ms. Childress- Jamee.Childress@k12.sd.us Ms. Dekker- Sue.Dekker@k12.sd.us Ms. Dieren- Megan.Dieren@k12.sd.us Ms. Peters- Anne.Peters@k12.sd.us Ms. Lutz- Alyssa.Lutz@k12.sd.us **Valley Springs Elementary** **Building Principal:** Ms. Palmer- tanya.palmer@k12.sd.us **Teacher:** Ms. Huska- Teri.Huska@k12.sd.us

Notes: (OPTIONAL) Super Hero Day - Dress in honor of all the front-line workers and your parents and guardians who are rocking it as co-distance learning educators! #BVlynxdistancelearners

Instructional materials are posted below (if applicable)

Day Light Night Light

Name _____

Step 1:
What could you see when you peeked at the object cupped in your hand?

_____

What happened as you slowly opened your fingers to let light into your hands?
_____

Step 2:
What did you discover about some of the objects that you thought would allow light to pass through them? _____

_____

Step 3:
What happened to the shadow as the day went from morning to evening? Describe how the shadow looked

Morning: _____

How long was the shadow _____ rulers

Lunchtime: _____

How long was the shadow _____ rulers

Afternoon: _____

How long was the shadow _____ rulers
Evening: _____

How long was the shadow _____ rulers

Create Light or Reflect Light

In the story Day Light Night Light we learned that objects that are able to get hot can create light; objects that can not get hot reflect light. Put an **X** in the correct box for each object below.

	Create Light	Reflect Light

Record and Reflect

Draw what the the shadow would look like