

Brandon Valley School District

Science

Scope and Sequence

Grade: KG

Quarter 1

Timeline (month/days)	Standard(s)
August - Sept Weeks 1-3	None
September Weeks 4 - 6	Senses Goal CD-9b (Junior KG goal): As a result of their explorations and participation in simple investigations through play, children demonstrate their ability to use scientific inquiry by observing, manipulating objects, asking questions, making predictions, and developing generalizations.
September - October Weeks 7 - 8.	None
October - November Week 9 - 14 (continues into Q2)	Force Olympics K.PS2.1: Plan and carry out an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object. K.PS2.2: Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull.

Quarter 2

Timeline (month/days)	Standard(s)
November - January Weeks 15 - 19	None
January - February Weeks 20--25 (continues into Q3)	Plants and Animals K.LS1.1: Describe patterns of what plants and animals need to survive. K.ESS2.2: Engage in argument from evidence for how plants and animals can change the environment to meet their needs. K.ESS3.1: Use a model to represent the relationship between the needs of different plants or animals and the places they live. K.ESS3.3: Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment.

Quarter 3

Timeline (month/days)	Standard(s)
Week 26: February	None
February - April Weeks 27 - 32	Weather Watching K.ESS2.1: Use and share observations of local weather conditions to describe patterns over time. K.ESS3.2: Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather.

	K.PS3.1: Make observations to determine the effect of sunlight on Earth's surface. K.PS3.2: Design and build a structure that will reduce the warming effect of sunlight on an area.
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Quarter 4

Timeline (month/days)	Standard(s)
April - May Weeks 33-39	None

*Pink-priority, Yellow-supporting, Green-supplementary.

*30 minute class periods. 60 minutes per week

Notes Q1

- Mystery Science (online)
- Mystery 1 Assessment (Force Olympics)
- Watch/Read Transcript of Mystery Science

Notes Q2

- Mystery Science (online)
- Watch/Read Transcript of Mystery Science

Notes Q3

- Mystery Science (online)
- Mystery 5 Assessment (Plants and Animals)
- Mystery 3 Assessment (Weather Watching)
- Watch/Read Transcript of Mystery Science

Notes Q4

- Mystery Science (online)
- Mystery 2 Assessment (Weather Watching)
- Watch/Read Transcript of Mystery Science

2020-21	<i>Date</i>	<i>Science</i>
Wk 1	Aug. 19-21 (3 days)	
Wk 2	Aug. 24-28	
Wk 3	Aug 31-Sept 4	
Wk 4	Sept. 8-11 (4 days)	Senses
Wk 5	Sept. 14-18	Senses

Wk 6	Sept. 21-25	Senses
Wk 7	Sept. 28-Oct. 2 Conferences	
Wk 8	Oct. 5-9	
Wk 9	Oct. 13-16 (4 days)	Force Olympics
Wk 10	Oct. 19-23 EOQ1	Force Olympics
Wk 11	Oct. 26-30	Force Olympics
Wk 12	Nov. 2-6	Force Olympics
Wk 13	Nov. 9-13	Force Olympics
Wk 14	Nov 16-20	Force Olympics
Wk 15	Nov.23-24 (2 days)	
Wk 16	Nov. 30- Dec. 4	
Wk 17	Dec.7-11	
Wk 18	Dec. 14-18	
Wk 19	Dec. 21-23 (3 days)	
Wk 20	Jan. 4-7 (4 days) EOQ2	Plants and Animals
2020- 2021	Date	Science
Wk 21	Jan 11-15	Plants and Animals
Wk 22	Jan 19-22 (4 days)	Plants and Animals
Wk 23	Jan 25-29	Plants and Animals

Wk 24	<i>Feb 1-5</i>	Plants and Animals
Wk 25	<i>Feb 8-11 (4 days)</i>	Plants and Animals
Wk 26	<i>Feb. 16-19 (4 days)</i>	
Wk 27	<i>Feb 22-26</i>	
Wk 28	<i>Mar 1-5</i>	
Wk 29	<i>Mar. 8-12 EOQ3</i>	
Wk 30	<i>Mar.15-19</i>	Weather Watching
Wk 31	<i>Mar 22-26</i>	Weather Watching
Wk 32	<i>Mar. 29 - Apr. 1 (4 days)</i>	Weather Watching
Wk 33	<i>Apr. 6-9 (4 days)</i>	Weather Watching
Wk 34	<i>Apr.12-16</i>	Weather Watching
Wk 35	<i>Apr. 19-23</i>	Weather Watching
Wk 36	<i>Apr. 26-30</i>	
Wk 37	<i>May 3-7</i>	
Wk 38	<i>May 10-14</i>	
Wk 39	<i>May 17-19 EOQ4</i>	