

**Garriga and Derry Elementary**  
**Course/Grade Level: Science/ PRE-K I. Zurita, I. Vielma, M. Caraveo, J. Castillo**  
**Science Curriculum Map 2016-2017**

(This timeline is subject to change in order to meet the needs of students.) PK Guidelines

Week	Dates	Topic(s)/Student Expectation (SE)/Focus Skill	Student Expectation (SE)/Scientific Investigation and Reasoning Skills
<b>Sample Week</b>	<b>10/1 – 5</b>	<b>Matter and Energy/5.5B/Identify boiling, freezing and melting points</b>	<b>5.2A/Describe, plan and implement simple investigations</b>
1 Theme 1 Wk1	First Semester 08/22-08/26	<ul style="list-style-type: none"> <li>• Healthy habits</li> </ul>	VI.D.2. Child practices good habits of personal health and hygiene.
2 Theme 1 Wk2	08/29-09/02	<ul style="list-style-type: none"> <li>• Safety habits</li> <li>• Parts of the body</li> <li>• Explores changes • Healthy habits</li> </ul>	VI.A.1. Child describes, observes, and investigates properties and characteristics of common objects VI.D. Personal Safety and Health Skills VI.D.1. Child practices good habits of personal safety VI.D.2. Child practices good habits of personal health and hygiene
3 Theme 1 Wk3	<b>09/05</b> 09/05-09/09	<b>Holiday</b> <ul style="list-style-type: none"> <li>• Scientific curiosity</li> <li>• Tests observations</li> <li>• Shares scientific information</li> </ul>	VI. SCIENCE DOMAIN
4 Theme 1 Wk4	09/12-09/16	<ul style="list-style-type: none"> <li>• Shares scientific information</li> </ul>	VI. SCIENCE DOMAIN
5 Theme 2 Wk1	09/19-09/23	<ul style="list-style-type: none"> <li>• Human life cycles</li> </ul>	VI.B.2. Child describes life cycles of organisms.
6 Theme 2 Wk2	09/26-09/30	<ul style="list-style-type: none"> <li>• Nutrition habits</li> </ul>	VI.D.3. Child identifies good habits of nutrition and exercise.
7 Theme 2 Wk3	10/03-10/07	<ul style="list-style-type: none"> <li>• Explores changes</li> <li>• Measures objects</li> <li>• Makes scientific predictions</li> <li>• Shares scientific information</li> </ul> <p><b>CIRCLE PROGRESS MONITORING</b></p>	VI.A.1. Child describes, observes, and investigates properties and characteristics of common objects. VI.A.3. Child uses simple measuring devices to learn about objects.
8 Theme 2 Wk4	<b>10/10</b> 10/10-10/14	<b>Staff Dev.</b> <ul style="list-style-type: none"> <li>• Investigates materials</li> </ul> <p><b>CIRCLE PROGRESS MONITORING</b></p>	VI.A.1. Child describes, observes, and investigates properties and characteristics of common objects
9 Theme 3 Wk1	10/17-10/21	<ul style="list-style-type: none"> <li>• Investigates energy</li> <li>• Safety habits</li> </ul>	VI.A.4. Child investigates and describes sources of energy including light, heat, and electricity. VI.D.1. Child practices good habits of personal safety.

10 Theme 3 Wk2	10/24-10/28	<ul style="list-style-type: none"> <li>Investigates energy</li> </ul>	<i>VI.A.4. Child investigates and describes sources of energy including light, heat, and electricity</i>
11 Theme 3 Wk3	10/31-11/04	<ul style="list-style-type: none"> <li>Investigates motion</li> </ul>	<i>VI.A.2. Child investigates and describes position and motion of objects.</i>
12 Theme3 Wk4	11/07-11/11	<ul style="list-style-type: none"> <li>Environmental awareness</li> <li>Investigates materials</li> </ul>	<i>VI.A.1. Child describes, observes, and investigates properties and characteristics of common objects. VI.C.4. Child demonstrates the importance of caring for our environment and our planet.</i>
13 Theme 4 Wk1	11/14-11/18	<ul style="list-style-type: none"> <li>Explores living things</li> <li>Understands basic needs</li> <li>Living and nonliving things</li> </ul>	<i>VI.B.1. Child identifies and describes the characteristics of organisms.</i>
	11/21-11/25	<b>Off Thanksgiving Break</b>	
14 Theme 4 Wk2	11/28-12/02	<ul style="list-style-type: none"> <li>Investigates the environment</li> </ul>	<i>VI.B.3. Child recognizes, observes, and discusses the relationship of organisms to their environments.</i>
15 Theme 4 Wk3	12/05-12/09	<ul style="list-style-type: none"> <li>Explores living things</li> <li>Organizes information</li> </ul>	<i>VI.B.1. Child identifies and describes the characteristics of organisms.</i>
16/17 Theme 4 Wk4	12/12-12/20 <b>End First Semester</b>	<ul style="list-style-type: none"> <li>Animal life cycle</li> </ul> <b>Review</b>	<i>VI.B.2. Child describes life cycles of organisms.</i>
	12-21-12/23	<i>Off Christmas Break</i>	
	12/26-12/30	<i>Off Christmas Break</i>	
	1/02 1/03- 1/04-1/06-	<b>OFF Work Day Staff Development Days</b>	
18 Theme5 Wk1	1/09-1/13	<ul style="list-style-type: none"> <li>Scientific curiosity</li> <li>Investigates materials</li> <li>Organizes information</li> </ul>	<i>VI.A.1. Child describes, observes, and investigates properties and characteristics of common objects.</i>
19 Theme5 Wk2	1/16-1/20	<ul style="list-style-type: none"> <li>Investigates material s</li> <li>Tests observations</li> </ul>	<i>VI.D.1. Child practices good habits of personal safety VI.A.1. Child describes, observes, and investigates</i>

		<b>CIRCLE PROGRESS MONITORING</b>	properties and characteristics of common objects
20 Theme5 Wk3	01/23-01/27	<ul style="list-style-type: none"> <li>• Living and nonliving things</li> <li>• Investigates Earth materials</li> </ul> <b>CIRCLE PROGRESS MONITORING</b>	VI.B.1. Child identifies and describes the characteristics of organisms VI.C.1. Child identifies, compares, and discusses earth materials, and their properties and uses.
21 Theme5 Wk4	01/30-02/03	<ul style="list-style-type: none"> <li>• Investigates Earths materials</li> </ul>	VI.C.1 Child identifies, compares and discusses Earth materials and their properties and uses.
22 Theme 6 Wk1	02/06-02/10	<ul style="list-style-type: none"> <li>• Shares scientific information</li> </ul>	VI. SCIENCE DOMAIN
23 Theme 6 Wk 2	02/13-02/17	<ul style="list-style-type: none"> <li>• Healthy habits</li> </ul>	VI.D.2, Child practices good habits of personal health and hygiene.
24 Theme 6 Wk 3	02/20-02/24	<ul style="list-style-type: none"> <li>• Parts of the body</li> <li>• Engages in fitness activities</li> <li>• Nutrition habits</li> </ul>	VI D Personal safety and health skills. VI.D.3 Child identifies good habits of nutrition and exercise.
25 Theme 6 Wk 4	02/27-03/03	<ul style="list-style-type: none"> <li>• Safety habits</li> </ul>	VI.D.1 Child practices good habits of personal safety.
26 Theme 7 Wk 1	03/06-03/10	<ul style="list-style-type: none"> <li>• Plant life cycle</li> <li>• Makes scientific predictions</li> </ul>	VI.B.2, Child describes lifecycle of organisms. VI. SCIENCE DOMAIN
	03/13-03/17	Off Spring Break	
27 Theme 7 Wk 2	03/20 03/21-03/24	<b>Staff Dev.</b> <ul style="list-style-type: none"> <li>• Observes the sky</li> <li>• Investigates energy</li> <li>• Changes in earth and sky</li> </ul>	VI.A.4. Child investigates and describes sources of energy including light, heat, and electricity. VI.C.2. Child identifies, observes, and discusses objects in the sky. VI.C.3. Child observes and describes what happens during changes in the earth and sky.

28 Theme 7 Wk 3	03/27-03/31	<ul style="list-style-type: none"> <li>• Changes in earth and sky</li> <li>• Makes scientific predictions</li> <li>• Tests observations</li> </ul>	VI. SCIENCE DOMAIN VI.C.3. Child observes and describes what happens during changes in the earth and sky.
29 Theme 7 Wk 4	04/03-04/07	<ul style="list-style-type: none"> <li>• Investigates the environment</li> </ul>	VI.B.3, Child recognizes, observes, and discusses the relationship of organisms to their environment
30 Theme 8 Wk 1	04/10-04/13  04/14	<ul style="list-style-type: none"> <li>• Investigates the environment</li> </ul> <p>Good Friday</p>	VI.B.3, Child recognizes, observes, and discusses the relationship of organisms to their environment
31 Theme 8 Wk 2	04/17 04/18-04/21	<p><b>Easter Monday</b></p> <ul style="list-style-type: none"> <li>• Explores living things</li> <li>• Organizes information</li> </ul> <p><b>CIRCLE PROGRESS MONITORING</b></p>	VI.B.1, Child identifies and describes the characteristics of organisms.
32 Theme 8 Wk 3	04/24-04/28	<ul style="list-style-type: none"> <li>• Explores changes</li> </ul> <p><b>CIRCLE PROGRESS MONITORING</b></p>	VI.A.1, Child describes, observes and investigates properties and characteristics of common objects.
33 Theme 8 Wk 4	05/01-05/05	<ul style="list-style-type: none"> <li>• Makes scientific predictions</li> <li>• Measures objects</li> </ul> <p><b>Woodcock-Munoz Testing</b></p>	VI. SCIENCE DOMAIN VI.A.3, Child uses simple measuring devices to learn about objects.
34	05/08-05/12	<p>Review Week</p> <ul style="list-style-type: none"> <li>• Measures objects</li> </ul> <p>Woodcock-Munoz Testing</p>	VI.A.3. Child uses simple measuring devices to learn about objects.
35	05/15-05/18  05/19 End Second Semester	<p>Review Week</p> <ul style="list-style-type: none"> <li>• Explores living things</li> <li>• Organizes information</li> </ul> <p>Workday</p>	VI.B.1, Child identifies and describes the characteristics of organisms.