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|---|--|--|--------------------------------|
| Science   | Beaumont<br>ISD  | Pre-K 4  | Revision Date:<br>June 9, 2023 |
| <p style="text-align: center;"><b>First Nine Weeks</b><br/><b>August 9th - October 13th</b><br/><b>46 Student/Instructional days</b></p>  |  | <p style="text-align: center;"><b>Second Nine Weeks</b><br/><b>October 17th - December 20th</b><br/><b>43 Student/Instructional days</b></p> |                                |
| <p><b>The expectation is that all PK Guidelines will be modeled for students when introduced. Then, instruction of all PK Guidelines will be guided through small groups and individual instruction. Based on student progress, some PK Guidelines will be mastered and become independent.</b></p>   |  |  |                                |
| <p><b><u>Units</u></b></p> <p><b>Theme : My School (Rules and Routines)</b></p> <p><b>Theme: My School</b></p> <p><b>Theme: My Body</b></p> <p><b>Theme: My Senses</b></p> <p><b>Theme: My Feelings</b></p> <p><b>Theme: My Family</b></p> <p><b>Theme: My Relatives</b></p> <p><b>Theme: Pets</b></p> <p><b>Theme: My Friends</b></p> <p><b>Theme: Community Workers</b></p> <p><b><u>Pre K Guidelines (Ongoing)</u></b></p> <p><b><u>Physical Science</u></b><br/>VI.A.1. Child observes, investigates describes, and discusses characteristics of common objects.<br/>VI.A.2. Child observes, investigates</p> | <p><b><u>Units</u></b></p> <p><b>Theme: Community Workers</b></p> <p><b>Theme: Kind and Helpful</b></p> <p><b>Theme: Eating Well</b></p> <p><b>Theme: Active Me</b></p> <p><b>Theme: Living and Nonliving</b></p> <p><b>Theme: Stories</b></p> <p><b>Theme: Real and Make- Believe</b></p> <p><b>Theme: Opposites</b></p> <p><b><u>Pre K Guidelines (Ongoing)</u></b></p> <p><b><u>Physical Science</u></b><br/>VI.A.1. Child observes, investigates describes, and discusses characteristics of common objects.<br/>VI.A.2. Child observes, investigates describes and discusses position and motion of objects.<br/>VI.A.3. Child uses simple <u>scientific tools</u> to learn</p> |  |                                |

describes and discusses position and motion of objects.  
VI.A.3. Child uses simple scientific tools to learn about objects.  
VI.A.4. Child observes investigates describes and discusses sources of energy including light, heat, and electricity.

### **Life Science**

VI.B.1. Child observes, investigates, describes and discusses the characteristics of organisms.  
VI.B.2 Child observes, describes, and discusses the life cycles of organisms  
VI.B.3. Child observes, investigates, describes and discusses the relationship of organisms in their environments.

### **Earth and Space Science**

VI.C.1. Child observes, investigates, describes and discusses earth materials, and their properties and uses.  
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.  
VI.C.4. Child demonstrates the importance of caring for our environment and our planet.

about objects.  
VI.A.4. Child observes investigates describes and discusses sources of energy including light, heat, and electricity.

### **Life Science Skills**

VI.B.1. Child observes, investigates, describes and discusses the characteristics of organisms.  
VI.B.2 Child observes, describes, and discusses the life cycles of organisms  
VI.B.3. Child observes, investigates, describes and discusses the relationship of organisms in their environments.

### **Earth and Space Science**

VI.C.1. Child observes, investigates, describes and discusses earth materials, and their properties and uses.  
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.  
VI.C.4 Child demonstrates an understanding of the importance of caring for our environment and our planet.

## **Beaumont 22<sup>nd</sup> Century Skills**

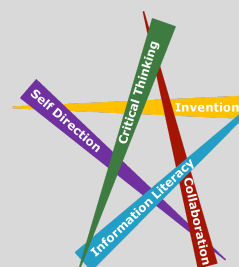
**Critical Thinking and Reasoning:** *Thinking Deeply, Thinking Differently*

**Information Literacy:** *Untangling the Web*

**Collaboration:** *Working Together, Learning Together*

**Self-Direction:** *Own Your Learning*

**Invention:** *Creating Solutions*



|   |  |         |                                |
|---|--|---------|--------------------------------|
| Science   | Beaumont<br>ISD  | Pre-K 4 | Revision Date:<br>June 9, 2023 |
| <p style="text-align: center;"><b>Third Nine Weeks</b><br/><b>January 9th - March 80th</b><br/><b>40 Student/Instructional days</b></p>   | <p style="text-align: center;"><b>Fourth Nine Weeks</b><br/><b>March 18th - May 24th</b><br/><b>48 Teacher/ Instructional days</b></p>   |         |                                |
| <p><b>The expectation is that all PK Guidelines will be modeled for students when introduced. Then, instruction of all PK Guidelines will be guided through small groups and individual instruction. Based on student progress, some PK Guidelines will be mastered and become independent.</b></p>   |  |         |                                |
| <p><u><b>Units</b></u></p> <p><b>Theme : Under Construction</b></p> <p><b>Theme: Tools</b></p> <p><b>Theme: I Can Imagine</b></p> <p><b>Theme: My Art Is Me</b></p> <p><b>Theme: Transportation</b></p> <p><b>Theme: Travel</b></p> <p><b>Theme: Places Kids Go</b></p> <p><b>Theme: Crawling Critters</b></p> <p><b>Theme: Hopping Critters</b></p><br><p><u><b>Pre K Guidelines (Ongoing)</b></u></p> <p><u><b>Physical Science</b></u><br/>VI.A.1. Child observes,</p> | <p><u><b>Units</b></u></p> <p><b>Theme: Flying Critters</b></p> <p><b>Theme : Spiders, Scorpions, Worms</b></p> <p><b>Theme: Mammals</b></p> <p><b>Theme: Reptiles</b></p> <p><b>Theme: Sea Life</b></p> <p><b>Theme: In and Around Me</b></p> <p><b>Theme: Earth Changes</b></p> <p><b>Theme: Nurturing Earth</b></p> <p><b>Theme: Before and Now</b></p><br><p><u><b>Pre K Guidelines (Ongoing)</b></u></p> <p><u><b>Physical Science</b></u><br/>VI.A.1. Child observes, investigates</p> |         |                                |

investigates describes, and discusses characteristics of common objects.

VI.A.2. Child observes, investigates describes and discusses position and motion of objects.

VI.A.3. Child uses simple scientific tools to learn about objects.

VI.A.4. Child observes investigates describes and discusses sources of energy including light, heat, and electricity.

### **Life Science**

VI.B.1. Child observes, investigates, describes and discusses the characteristics of organisms.

VI.B.2 Child observes, describes, and discusses the life cycles of organisms

VI.B.3. Child observes, investigates, describes and discusses the relationship of organisms in their environments.

### **Earth and Space Science**

VI.C.1. Child observes, investigates, describes and discusses earth materials, and their properties and uses.

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.

VI.C.4. Child demonstrates the importance of caring for our environment and our planet.

describes, and discusses characteristics of common objects.

VI.A.2. Child observes, investigates describes and discusses position and motion of objects.

VI.A.3. Child uses simple scientific tools to learn about objects.

VI.A.4. Child observes investigates describes and discusses sources of energy including light, heat, and electricity.

### **Life Science**

VI.B.1. Child observes, investigates, describes and discusses the characteristics of organisms.

VI.B.2 Child observes, describes, and discusses the life cycles of organisms

VI.B.3. Child observes, investigates, describes and discusses the relationship of organisms in their environments.

### **Earth and Space Science**

VI.C.1. Child observes, investigates, describes and discusses earth materials, and their properties and uses.

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.

VI.C.4. Child demonstrates the importance of caring for our environment and our planet.

## Beaumont 22<sup>nd</sup> Century Skills

**Critical Thinking and Reasoning:** *Thinking Deeply, Thinking Differently*

**Information Literacy:** *Untangling the Web*

**Collaboration:** *Working Together, Learning Together*

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