# Science Unit Overview

## Grade K

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<tr>
<th>Unit</th>
<th>Unit Proficiencies</th>
<th>Priority Standards from NGSS</th>
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| **Materials & Motion**| Understand and apply:  
  - Matter has observable properties that can be categorized and affect how they are used to solve problems.  
  - Pushes and pulls have different strengths and directions that affect the motion of an object.  
  - Students make observations, design and test models, and carry out investigations to solve problems.                                                                 | K-PS2-1  
K-PS2-2  
K-2-ETS1-1  
K-2-ETS1-2  
K-2-ETS1-3 |
| **Animals 2 by 2**    | Understand and apply:  
  - Animals have basic needs  
  - Animals have some structures and behaviors that are similar and different.  
  - There is great diversity among animals.                                                                                                                                                                      | K-LS1-1  
K-ESS2-2  
K-ESS3-1  
K-2-ETS1-1  
K-2-ETS1-2 |
| **Seasons**           | Understand and apply:  
  - Seasons are a cycle that has a predictable pattern.  
  - This pattern affects all living things and our life cycle.                                                                                                                                               | VT Science Standards                                  |