**Grade K – Basic Needs of Living Things**

**Teaching Points and Focus Questions**

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| **Activity** | **ELA Teaching Points** | **Science Focus Questions** |
|  | ***Scientists write to learn and to communicate with a specific audience.*** | **Key Question: What Do Living Things Need to Survive?*****.*** |
| 1 | Scientists use diagrams and labels to make predictions.  | How do scientists predict if something can survive in a closed box? |
| **2** | Scientists use diagrams and labels to describe their thinking. | How do scientists decide if something is living or nonliving? |
| **3** | Scientists select and label pictures of items to describe similarities and differences.  | How do scientists communicate the difference between living and non-loving things to others? |
| **4** | Scientists label pictures that illustrate their ideas.  | How do scientists decide what people need to be healthy and to grow? |
| **5** | Scientists draw, label and write what they observe about animals over time. | How do scientists decide what animals need to be healthy and to grow?  |
| **6** | Scientists identify, draw, label, and write what animals need to survive and grow.  | How do scientists explain what animals need to stay healthy and grow?  |
| **7** | Scientists collaborative write scientific explanations to explain how plants get their food.  | How do scientists investigate the way plants get the food energy they need to survive? |
| **8** | Scientists observe, predict and record observations of plant growth, | How do scientists use what they know about plants’ needs when planning a garden? |
| **9** | Scientists can choose a plant and an animal and draw/ label a picture of how their needs to survive are alike and different.  | How do scientists compare how plant and animal survival needs? |
| **10** | Scientists explain how animals or plants are alike or different by writing informative books based on investigations to share with others. | How do scientists communicate what they know about what living thing need to survive? |
| **11** | Scientists as zoo engineers plan, design, and explain an environment that has the necessary things for their animal to survive.  | How do scientists apply what they know when designing a place for animals to live? |