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**Kindergarten Science**

AHISD Curriculum: Year at a Glance (YAG)

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| First Semester | Second Semester |
| **1st Nine Weeks** | **3rd Nine Weeks** |
| **Nature of Science/ Safety-** Why do we need to be careful when doing scientific investigations?  **K1.AB**  [**Exploring Environmentally Appropriate Practices**](http://www.teksresourcesystem.net/module/content/search/item/1830/viewdetail.ashx)  [**Estudio de las prácticas medioambientales adecuadas y responsables**](http://www.teksresourcesystem.net/module/content/search/item/676523/viewdetail.ashx)  **Nature of Science/ Scientific Reasoning and Investigation-** How can I use my sensed and other tools to help me learn things? How can I gather, organize and record my information?   * Interactive Science Chapter 1 (lessons 1-6) * Interactive Science Chapter 3 (lesson 1)   **K1.AB, K2.ABCDE, K3.ABC, K4.AB**  [**Properties of Objects**](http://www.teksresourcesystem.net/module/content/search/item/1832/viewdetail.ashx)  [**Estudiando las propiedades de los objetos**](http://www.teksresourcesystem.net/module/content/search/item/676524/viewdetail.ashx)  **Earth and Sky/ Weather a First Look (Fall)-** What are some kinds of weather? What do the day and night sky look like? What are seasons?   * Interactive Science Chapter 5 (lessons 1-5)   **K8.ABC + Process TEKS**  [Exploring Weather: A First Look](http://www.teksresourcesystem.net/module/content/search/item/1864/viewdetail.ashx)  [Estudio del estado del tiempo](http://www.teksresourcesystem.net/module/content/search/item/676527/viewdetail.ashx) | **Continue Earth and Sky/ Continuing Experiences (Winter and Spring throughout 9 weeks)**  **Energy, Force and Motion/ Objects-** What can you tell about objects? How can you sort objects? How do objects move? How can you measure? How can water change?   * Interactive Science Chapter 2 (lessons 1-4)   **K5.AB + Process TEKS**  [**Exploring Force, Motion, and Energy**](http://www.teksresourcesystem.net/module/content/search/item/1859/viewdetail.ashx)  [**Estudio de la fuerza, el movimiento y la energía**](http://www.teksresourcesystem.net/module/content/search/item/676525/viewdetail.ashx)  **Energy, Force and Motion/ Movement and Change-** What are heat and light? How is sound made? What are some ways objects move? What are magnets?   * Interactive Science Chapter 3 (lessons 1-7) * Integrate with balls and ramps unit   **K6.ABCD + Process TEKS**  **Introduction to Interdependence**   * Experiences with insects and plants * Integrate with farm unit |
| **2nd Nine Weeks** | **4th Nine Weeks** |
| **Living and Nonliving Things-** What are nonliving things? What are living things? How can you determine is something is living or nonliving? What do living things need?   * Interactive Science Chapter 6 (lessons 1-3) * Integrate with pumpkin and apple units   **K9.AB, K10.ABCD + Process TEKS**  [**Characteristics and Basic Needs of Organisms**](http://www.teksresourcesystem.net/module/content/search/item/1520/viewdetail.ashx)  [Estudio de las características y necesidades básicas de los organismos vivos](http://www.teksresourcesystem.net/module/content/search/item/676969/viewdetail.ashx)  **Earth and Sky/ Continuing Experiences (Winter)-** How can your senses help you know that seasons change? Can we find repeating patterns in the sky and with seasons?   * Interactive Science Chapter 5 (lessons 1-5)   **K8.ABC + Process TEKS**  [**Exploring Space**](http://www.teksresourcesystem.net/module/content/search/item/1521/viewdetail.ashx)  [**Estudio del espacio**](http://www.teksresourcesystem.net/module/content/search/item/676637/viewdetail.ashx)  **Introduction to changing states of matter** | **Plants and Animals/Interdependence-** How can we sort plants and animals? How can we identify parts of plants and animals? How do young plants resemble grown plants? What is the life cycle of a plant?   * Build upon pumpkin and apple units * Integrate with farm field trip * Interactive Science Chapter 7 (lessons 1-6)   **K10.ABCD + Process TEKS**  [**Exploring Organisms and Environments**](http://www.teksresourcesystem.net/module/content/search/item/1503/viewdetail.ashx)  [**Estudio de los organismos y su medio ambiente**](http://www.teksresourcesystem.net/module/content/search/item/677128/viewdetail.ashx)  **Earth Materials**- How can you use your sense and measurement tools to describe what rocks are like? What can you tell about water on Earth? How can we use rocks, soil and water? How can you care for Earth?   * Interactive Science Chapter 4 (lessons 1-4) * Integrate with geography-location of water   **K7.ABC + Process TEKS**  [**Exploring Earth Materials**](http://www.teksresourcesystem.net/module/content/search/item/1861/viewdetail.ashx)  [**Estudio de los materiales de la Tierra**](http://www.teksresourcesystem.net/module/content/search/item/676526/viewdetail.ashx)    **Closing on weather (Summer)**   * Wrap up seasons and objects in sky   [Weather: A Final Look](http://www.teksresourcesystem.net/module/content/search/item/1501/viewdetail.ashx)  [Estudio del tiempo: Un último vistazo](http://www.teksresourcesystem.net/module/content/search/item/676976/viewdetail.ashx) |