**The Little Star That Could**

**Georgia Performance Standards**

**Pre-K to 4th Grade**

**Pre –Kindergarten**

Children will acquire scientific knowledge related to earth science

SD 4 c. Participates in activities to explore the earth (rocks, soil, air) and sky (clouds, sun, moon, stars)

**Kindergarten**

**SKE1. Students will describe time patterns (such as day to night and night to day) and objects (such as sun, moon, stars) in the day and night sky.**

* Describe changes that occur in the sky during the day, as day turns into night, during the night, and as night turns into day.
* Classify objects according to those seen in the day sky and those seen in the night sky.

**SKP3. Students will observe and communicate effects of gravity on objects.**

* Recognize that the sun, moon, and stars are in the sky, but don’t come down.

**2nd Grade**

**S2E1. Students will understand that stars have different sizes, brightness, and patterns.**

* Describe the physical attributes of stars—size, brightness, and patterns.

**S2E2.  Students will investigate the position of sun and moon to show patterns throughout the year.**

* Relate the length of the day and night to the change in seasons (for example: Days are longer than the night in the summer.).

**3rd Grade**

S3P1(c) Investigate the transfer of heat energy from the sun to various materials.

**4th Grade**

S4E1(a) Recognize the physical attributes of stars in the night sky such as number, size, color and patterns.