**Kindergarten Science Unit Organizer**

**Weather**

**Kindergarten…..Pullin, Shockley, Trout**

**Summary**

The students will understand that weather changes and is different during each season and in different parts of the world. Students will be able to understand that the sun is a source of light and warmth, and creates the weather patterns.

**The Big Idea**

The students will understand that weather describes the conditions of the earth’s atmosphere. Characteristic weather patterns can be described for various regions around the world.

**Colorado State Standards:**

SC K.3.1 The Sun provided heat and light to Earth

SC K.3.1.a: Investigate, explain, and describe that the Sun provides heat and light to Earth and daily weather changes.

**Common Core Standards:**

**RLK.1** With prompting and support, ask and answer questions about key details in a text.

**RIK.2** With prompting and support, identify the main topic and retell key details of a text.

**RLK.4** Ask and answer questions about unknown words in a text.

**RLK.10** Actively engage in group reading activities with purpose and understanding.

**SLK.2** Confirm understanding of a text read aloud or information presented orally or through other media by asking and answering questions about key details and requesting clarification if something is not understood.

**WK.2** Use a combination of drawing, dictating, and writing to compose informative/explanatory texts in which they name what they are writing about and supply some information about the topic.

**WK.8** With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a question.

**Core Knowledge Unit:**

1. Introduce types of weather and the causes of weather
2. The sun is the earth’s primary source of heat and light and is the agent of changing weather in each season
3. Appropriate clothing choices for each type of weather
4. Different activity choices for each type of weather

**Previous Unit:**

Seasons

**Prior Knowledge**

Pre-School

Seasons and Weather

**Next Unit**

Five Senses

**What Students Will Learn in Future Grades**

**Grade 1:**

N/A

**Grade 2:**

Cycles in Nature

**Cross Curricular Links**

Latin………weather words

Art………warm and cool colors

Language Arts……..Poetry: *The More It Snows; I Do Not Mind You Winter Wind;* *April Rain Song; Rain Rain Go Away; It’s Raining It’s Pouring, Rain*

*Sayings: April showers bring May flowers*

**Additional Resources**

For Teachers:

\*Core Knowledge Teacher Handbook

\*What Your Kindergartener Needs to Know

\*Clouds and Weather, by John A. Day and Vincent A. Schaefer

\*A Dictionary of Weather, by Storm Dunlop

For Students:

\*The Cloud Book, by Tomie De Paola

\*Weather Words and What They Mean, by Gail Gibbons

\*Snow is Falling, by Franklyn M. Branley

\*Snowflake Bentley, by Jacqueline Briggs Martin