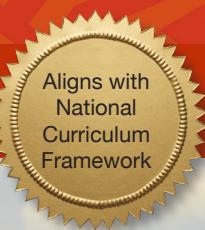


Primary 4

Our Home South Sudan

An Educational Activities Workbook

Primary 4 Social Studies: Weather and Climate



Welcome Parents!

Learning is a wonderful thing! It opens a whole new world for us.

My goal of this activity workbook is to provide engaging learning experiences for your child.

This workbook aligns with the South Sudanese national curriculum standards and it to supplement your child's education.

I hope that your child enjoys this workbook.

Best Wishes

Carl Nestor, publisher

Nestor Education

Ashland, Ohio U.S.A



This symbol indicates that there are online resources to help the instructor.

To access this information, go to www.carlnestor.com/weather

There you will find instructional videos and downloads for additional worksheets.

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Weather Glossary

Atmosphere - the air surrounding the Earth and bounded by gravity. It contains the weather.

Celsius Scale - a temperature scale that defines the freezing point of water as 0 degrees and boiling point as 100 degrees

Cirrus cloud - a wispy white cloud at a high altitude

Climate - the weather in some location averaged over a period of time

Climate change- a long-term change in the average weather patterns that have come to define Earth's local, regional and global climates.

Cloud - water in the sky that appears as a white or gray mass

Condensation - water vapor that changes from a gas to a liquid

Degrees - measurement for temperature

Desertification - a gradual transformation into an arid, uninhabitable land

Drought - a long period with no rainfall

Evaporation - the process of water changing state into a gas (water vapor)

Flood - overflow of rain water

Forecast - the expected weather for the future

Global Warming – a rise in the average temperature of the Earth's atmosphere

Heat wave - extremely hot weather that is much higher than average – usually lasts a short time

Meteorology - the science of the atmosphere

Meteorologist - a person who studies weather conditions

Overcast - no sun is visible

Partly cloudy - term often used in a weather forecast to indicate that the skies are sunny and cloudy at the same time

Precipitation – the rain or snow that falls to Earth

Rain – the water that falls to Earth

Rain gauge – gauge used to measure the quantity of precipitation

Season – time of year characterized by certain weather (Winter, Spring, Summer, Fall)

Sun – the star that warms the Earth

Temperature – the measure of how warm or cold the air is. Temperature is measured in Celsius degrees.

Thermometer – instrument for measuring the temperature of the air

Weather – atmospheric conditions, such as temperature and precipitation

Wind – air moving from high pressure to low pressure

Wind vane – instrument used to determine the direction of the wind



Use this compass rose to help determine the direction of the wind.