PNC **Grow Up Great**

Dear Family,

In my class today we observed the clouds and made cloud pictures.

Did You Know?

- A cloud is a large collection of extremely tiny droplets of water. The droplets are so tiny they can float in the air. A cloud will float as long as the cloud is warmer than the outside air around it. Clouds cannot move by themselves; the wind moves them. Although the main types of clouds are cirrus, cumulus, and stratus clouds, there are a wide range of different types of clouds. Stratus clouds are flat and look like layers. Cumulus clouds are puffy and look like cotton. Cirrus clouds are thin and wispy and are high in the sky.

- Different types of clouds and cloud patterns are good indicators of the type of weather to expect on a particular day. They can appear to be different colors ranging from white to gray to grayish blue. For instance, dark, gray, wet-looking clouds are usually present during rainy or snowy days. White, wispy clouds are generally present during pleasant, sunny days. Weather affects practically everything we do. Weather forecasters, called meteorologists, watch weather patterns over time to predict or tell us what type of weather is expected.

Ask Your Child:

- How did you make your cloud picture?

- What is a cloud?

- Can you tell me how looking at the clouds can help predict the weather?

Activities To Do With Your Child:

- Go outside with your child, lie on your backs, and look at the clouds in the sky. Talk about the different shapes you see in the clouds. Talk about how the clouds are moving. Discuss what the weather is like.

- Make cloud dough together by mixing 8 cups of flour with 1 cup of baby oil. Play with it with your child!

Vocabulary To Use With Your Child: cloud, weather, prediction, cirrus, stratus, cumulus