

Level  
1

**How can we improve weather forecasting in order to help people in \_\_\_\_\_ be better prepared for future catastrophic events?**

Level  
2

**What is weather and how is it created?**

**What tools are used to measure weather?**

**What types of weather affect Virginia?**

Level  
3

**How are clouds formed?**

**How can you use a thermometer to compare air temperature over a period of time?**

**How does an anemometer and rain gauge measure weather conditions?**

**What are types of storms in Virginia?**

**What are the cloud types?**

**How could you design an investigation that can measure weather over a period of time?**

**What causes changes in air pressure?**

**What conditions are associated with each type of storm?**

**What weather is associated with each cloud type?**

**What is a barometer and how does it measure air pressure?**

**What information can we learn from weather maps?**

**What are the characteristics of precipitation?**

**What types of weather are associated with high and low pressure and warm and cold fronts?**