**Part I: Weather**

**Directions**: Go to the “weather wiz kids” webpage. Use the links in the left column of that webpage to answer the following questions.

<http://www.weatherwizkids.com/>

1. What atmospheric conditions will result in lightning?
2. What atmospheric conditions will result in rain?
3. What atmospheric conditions will result in winter storms (snow)?
4. What atmospheric conditions will result in a hurricane?
5. What atmospheric conditions will result in a tornado?
6. During weather forecasting, how does a cold front change weather?
7. During weather forecasting, how does a warm front change weather?
8. Compare and contrast climate and weather?

Go to the following webpage and answer question 9 <http://www.classzone.com/books/earth_science/terc/content/visualizations/es2002/es2002page01.cfm?chapter_no=20>

1. Compare and contrast warm fronts and cold fronts?

**Part II: Weather**

Directions: Follow the following steps and do the activities

1. **Go to** the following webpage <http://www.edheads.org/activities/weather/index.shtml>
2. then **click** “START”
3. Click on **REPORT THE WEATHER**
4. **Do** Level 1 and **record** your score
5. **Do** Level 2 and **record** your score
6. **Do** Level 3 and **record** your score
7. **Click** on **PREDICT THE WEATHER**
8. **Do** Level 1
9. **Do** Level 2
10. **Do** Level 3