

CATEGORY	4	3	2	1
<b>Cover</b>	Cover is complete and neatly written. Includes colorful picture, title, students name and class	Cover is complete with picture, title, students name and class.	Cover includes the title, students name and class. Missing picture.	Cover missing informations such as title, student name and/ or class. Lacks a cover.
<b>section 1 What happened?</b>	Detailed description of a severe weather event. Why it was dangerous, when, where and to whom it happened explained.	Detailed description of a severe weather event. Why it was dangerous, when, where and to whom it happened. Missing one of the above	Description of a severe weather event. Why it was dangerous, when, where and to whom it happened. Missing two of the above.	Description of a severe weather event. Why it was dangerous, when, where and to whom it happened. Missing three of the above answers.
<b>section 2 Be Prepared</b>	Description of behaviors and supplies needed in the weather event. Why they are important or useful is discussed.	Description of behaviors and supplies needed in the weather event.	Description of behaviors and supplies needed in the weather event are vague.	Description of behaviors and supplies needed in the weather event missing.
<b>section 3 Map</b>	Drawn or printed out map of where the weather event. Legend or key explains the symbols. Actual area highlighted.	Drawn or printed out map of where the weather event. Either the legend or highlighting of the area are missing.	Drawn or printed out map of where the weather event. Both the legend or highlighting of the area are missing	No Map.
<b>section 4 weather science</b>	Detailed explanation of the science behind the weather event. Explain why it was so severe. May include graphics to help illustrate the process.	Explanation of the science behind the weather event missing detail. May include graphics to help illustrate the process.	Vague explanation of the science behind the weather event. Does not fully explain why it was so severe.	Missing the explanation of the science behind the weather event. Does not attempt to explain why it was so severe.
<b>section 5 Vocabulary</b>	At least 5 new vocabulary words are defined and clear.	At least 4 new vocabulary words are defined and clear.	At least 3 new vocabulary words are defined and clear.	No new vocabulary words defined.
<b>section 6 sources</b>	Sources include the name of website or book, author, date published, publisher, or web address.	Sources missing one of the following: the name of website or book, author, date published, publisher, or web address.	Sources missing two of the following: the name of website or book, author, date published, publisher, or web address.	Sources missing three of the following: the name of website or book, author, date published, publisher, or web address.

- List at least 5 new words and their definitions.

SECTION FIVE : The science behind the event: Explain how this type of event could happen in terms of weather.

- How does this kind of event start?
- What is the science behind such an event.
- Can meteorologists predict or forecast when an event like this will happen? How do they know?

SECTION SIX: Sources of information:

List at least 2 books, articles or websites that you used to get your information. Include details about the source including...

- book or magazine name,
- date published,
- author,
- publisher,

Use reliable sources. Use more than one source to verify that all the information is accurate.

- Please type with size 12 Font, double spaced, with clearly label sections or write neatly

Parent/Guardian signature \_\_\_\_\_

Due date \_\_\_\_\_

Research a severe weather event in history. Choose one of the following types of weather events. (drought , heat wave, severe floods caused by rains, blizzard, tornado, Nor'easter, hailstorm, hurricane, etc. ) It could be a local storm or an international event.

The type of event I choose is \_\_\_\_\_.

**Cover:** a colorful cover with picture, title and students name and class

SECTION ONE: Explain what happened during the event.

Describe the damage it caused to people and property.

- **Why** is such an event dangerous? How did people lose their lives, homes or property?
- **When** did it happen?
- **Who** did it affect?
- **Where** did it happen?

SECTION TWO: Lessons learned for the future: Be prepared.

- How could people be more prepared to survive such an event?
- Describe what people must do and have to prepare for an emergency such as this.

SECTION THREE: Show where the event happened.

- Draw or print out a map of the area affected.
- Label or highlight where the event took place.
- Include a key or legend