TH GRADE SCIENCE

EXTRA CREDIT – WEATHER TOPICS

- Research must be done and shown in either a typed report or provided by using some other type of medium (power point, video, podcast, model).
- If research and work is provided in a less than satisfactory manner (lacking enough details or sloppy), the work will be handed back for improvements or points accumulated will only be half of what is shown below.
- Points accumulated are actually percentage points added to your final grade. Example: you have a current grade of 78%, and you do one satisfactory 2 point extra credit – your grade will be an 80%.
- Students may do extra credit that equals a maximum total of 5 percentage points.

Topics:

- Compare and contrast a typical HURRICANE versus a typical N’ORESTER STORM. Include how or what causes them to form, describe their path, wind strength, and typical damage. (3 points MAX)

- Differentiate between weather and climate; provide a solid definition of each, but then explain how they are different. Pick 2 places in the world, one being our state/region, and provide descriptions/examples of both weather and climate that helps to show your understanding of the difference between the two. (4 points MAX)

- Explain the relationship among the energy provided by the sun, the global wind patterns, and the temperature differences among water and land. (4 points MAX)

- Predict the weather for your own community and two other locations in the United States. Find and then compare weather maps for several days at a time for all 3 locations. Look for patterns in the weather, then draw maps to show your future weather predictions for all 3 places. (3 points MAX)

- Identify and describe the processes of the water cycle and explain their effects on weather and climatic patterns (2 points MAX)

- Choose a famous Natural Disaster. Research how, when and where it occurred, and describe the effects and or damage it caused. (2 points MAX)

- Choose your own topic – research – model – project. Get it approved by Mr. Farinelli first; will discuss points.

Due Date:

SHY:

CUL: