**Earth Science Newsletter**

**(Mr. Williams - Rm. C-423)**

**Volume I, Issue No. 4**

**October has arrived and September is behind us. It is spirit week here at the Liverpool HS Annex as we move toward the homecoming football game on Friday. Tomorrow is “tropical Tuesday”.**

**In class last week students played “Battleship” using the latitude and longitude coordinates of New York State. It got pretty competitive. Ask them about it! Students also learned how to read topographic maps, with special attention to the map of Lake Placid, NY.**

**This week students will learn how to construct profile (side) views of landforms based on topographic maps. They will also create their own maps based on 3-dimensional landforms that they will create in class. Depending on the class, we will be going outside either Tuesday or Wednesday. Students will be using a map to navigate around the Liverpool HS campus. They will determine the flow direction of a local stream, and calculate the gradient (steepness) of the bleachers in the football stadium.**

**The quiz for the mapping unit is coming up on Friday. I have posted the key vocabulary terms on Edmodo for students to study. Please remind your child to check Edmodo often (like once a day) for homework assignments and class announcements.**

**In earth science related news, Hurricane Matthew began approaching the Caribbean last weekend. It is an unusually strong hurricane, even reaching category 5 status at one point. Islands such as Haiti and Jamaica are taking all available emergency precautions as the hurricane heads straight toward them. There is also a chance that the east coast of the United States could be impacted. Stay tuned.**

**Finally, a shout-out to A.J. Wagner. He was able to use the Earth Science Reference Tables to independently replicate Eratosthenes’ method for determining the circumference of the Earth. I know, it sounds intense, but many students stepped up to the challenge last week.**

**Regards,**

**Jason Williams**

**Earth Science Teacher**