EOC-prep 12 Powerful Words

**Part A**

Define each word: Trace, Analyze, Infer, Evaluate, Formulate, Describe, Support, Explain, Compare, Contrast, Summarize, Predict.

**Part B**

Complete the following tasks.

* Student A is in the front of the class and Student B is in the back of the class. Using the Doppler Effect, **TRACE** the wave of the teacher’s voice as she moves from Student A to Student B.
* Give 3 specific examples when you had to **ANALYZE** information in class.
* Dalvin pushed a 20kg object a distance of 10 meters in 30 seconds. He pushed a 40kg object a distance of 5 meters in 30 seconds. What can you **INFER** about force and mass from the scenario?
* **EVALUATE** the truthfulness of this statement and make corrections if needed: Dan is 6’5” tall and weighs 100kg and Jaquan is 6’0” tall and weighs 82kg. They both run 36 meters, however Jaquan finishes 0.06 seconds faster than Dan. Based on this scenario Jaquan did the most work because he ran the fastest.
* You need to move a 907kg object 300m. **FORMULATE** a plan to move the object using at least 2 simple machines.
* **DESCRIBE** how the poles on a magnet can generate an electric current.
* Which sub-atomic particle is arguably the most important? **SUPPORT** your answer.
* **EXPLAIN** The law of Conservation of Matter and give an example.
* **COMPARE** distance and displacement.
* **CONTRAST** physical change and chemical change**.**
* **SUMMARIZE** Newton’s 3 Laws of Motion.
* **PREDICT** what could happen to our planet with improper use of nuclear energy.