**Standard 12 Vocabulary:**

* Integrate
* to bring together or incorporate (parts) into a whole.
* Qualitative scientific information
* Information gained through the scientific method of observation
* Technical information
* Evaluation, engineering and development and research information associated with design, operation, production of machines and equipment, system or process.
* Weather map
* a map or chart showing weather conditions over a wide area at a particulartime, compiled from simultaneous observations at different places.
* Radar
* a device for determining the presence and location of an object bymeasuring the time for the echo of a radio wave to return from it and thedirection from which it returns.
* Visualization
* to recall or form mental images or pictures.
* Weather
* the state of the atmosphere with respect to wind, temperature, cloudiness, moisture, pressure, etc.
* Air mass
* a body of air covering a relatively wide area, exhibiting approximately uniformproperties through any horizontal section.
* Temperature
* a measure of the warmth or coldness of an object or substance with reference to some standard value.
* Pressure
* the exertion of force upon a surface by an object, fluid, etc., in contact with it:
* Humidity
* the amount of water vapor in the air
* Precipitation
* any form of water that falls to the Earth’s surface from the clouds
* Wind
* The movement of air caused by differences in air pressure
* Uniform
* identical or consistent, as from example to example, place to place, or moment to moment:
* Moisture
* a small quantity of liquid, especially water; enough liquid to [moisten](https://www.dictionary.com/browse/moisten).
* Landform
* a specific geomorphic feature on the surface of the earth, ranging from large-scale features such asplains, plateaus, and mountains to minor features such as hills, valleys, and alluvial fans.
* Current
* The movement of air or water across the Earth’s surface
* Probability
* Probability is a branch of mathematics that deals with calculating the likelihood of a given event's occurrence,
* Atmosphere
* A mixture of gases that surrounds a planet or moon
* Monitor
* a device or arrangement for observing, detecting, or recording the operation of a machine or system, especially an automatic control system.
* Instruments
* a device for measuring the present value of a quantity under observation.
* Predict
* to declare or tell in advance;
* Weather patterns
* A **weather pattern** occurs when the weather stays the same for days or weeks at a time.
* Severe weather
* any dangerous [meteorological](https://en.wikipedia.org/wiki/Meteorological) phenomena with the potential to cause damage, serious social disruption, or loss of human life.