

Level 7.5**Benjamin Franklin**

1. A pseudonym is an author's fake or fictitious name.
2. Franklin used the pseudonyms Silence Dogood and Richard Saunders.
3. Franklin was a good writer about a variety of subjects because he was great reader about a variety of subjects, and he spent a great deal of time practicing and refining his writing skills.
4. Franklin's writings were first published in his brother's newspaper, the *New England Courant*.
5. Franklin was the only person to sign all three documents that established the United States: the Declaration of Independence, the peace treaty with Britain that ended the Revolutionary War, and the Constitution.
6. It is surprising that Franklin became such a good writer because he was self-taught and had no formal training, in fact he only had two years of school.
7. Learners have a choice to list and describe either "haste makes waste" or "early to bed and early to rise, makes a man healthy, wealthy, and wise."
8. Many of Franklin's quotes first appeared in *Poor Richard's Almanac*.

Bloody Sunday

1. The march was held to demand fairness in voter registration. Many Black Americans faced barriers that made it difficult for them to register to vote.
2. John Lewis was the leader of the march. He went on to serve as Director of the Voter Education Project and is currently a U.S. Congressman.
3. A protest is something that is done in a planned or organized way to show objection or disagreement with some policy or action.
4. Many civil rights groups practiced non-violent, or peaceful protests.
5. People in the U.S. were outraged. They took to the streets – demonstrations in support of the marchers were held in 80 cities.
6. The demonstrations brought the issue of voter discrimination to the forefront. Congress responded by enacting the Voting Rights Act of 1965.
7. Martin Luther King, Jr. led the march from Selma.

Creator of "Peanuts"

1. Answers may vary somewhat as learners describe what is meant by the phrase "discouraged, but not defeated."
2. Charles Schulz's personality can be seen in Charlie Brown.
3. Schulz's high school years were miserable and discouraging – he was treated as an outcast and flunked many classes.
4. The timing of Schulz's death is described as ironic because it's contrary to what might be expected; Schulz

could have died any day of the year, but he died just one day before his final Sunday strip appeared.

5. Debut means the first appearance of something.
6. Answers will vary – student opinion.
7. Charles Schulz was born in Minnesota.

Ethanol

1. Toxic means poisonous. Gasoline is toxic.
2. Ethanol can be made from corn, barely, rice, sorghum, sunflowers, potatoes, sugar cane, and sugar beets.
3. E10 means the gasoline contains 10 percent ethanol. E85 means the fuel is 85 percent ethanol and 15 percent gasoline. All vehicles that run on gasoline can use E10 fuel, but only flexible fuel vehicles can use E85.
4. Ethanol is produced when the starch from a crop, like corn, is fermented into sugar, and then that sugar is fermented into alcohol.
5. The benefits of ethanol are: it is a renewable fuel, it is safe to handle (is nontoxic), and it is biodegradable. Ethanol also makes the air cleaner – it reduces carbon monoxide and other toxic pollutants, and it keeps engines running smoothly.
6. It is used by many cars in Brazil. In the U.S., it is more prevalent in some states than in others. Minnesota requires almost all gasoline sold in the state to contain 10 percent ethanol.
7. Brazil is the world leader in ethanol production probably because the country grows a lot of sugar cane which is the easiest ingredient to convert to alcohol.

Extreme Heat – Use Caution

1. Those most at risk to suffer from a heat related illness are the elderly, the obese, people who have heart disease, use prescription drugs or alcohol, or are sunburned.
2. Avoid means to keep away from something/someone.
3. The body naturally cools itself by sweating.
4. Some possible effects of a very high body temperature are: brain damage, damage to other vital organs, and death.
5. Drinks that contain caffeine, alcohol, or large amounts of sugar should be avoided because they actually cause bodily fluid loss. Very cold drinks should also be avoided because they can cause stomach cramps.
6. People should avoid being outdoors during the noon and afternoon hours when it is the hottest; morning and evening hours are best.
7. Prevent means to keep something bad from happening.
8. You can protect yourself from being the victim of heat by staying in an air conditioned place; by keeping yourself hydrated; by wearing lightweight, light colored, loose fitting clothing, a wide brimmed hat, and SPF 15 or

greater sunscreen; by limiting outdoor activity to morning and evening hours.

Flu Facts

1. The two types of flu vaccines are the flu shot and the nasal spray vaccine. The flu shot is an inactivated vaccine, it contains a dead virus; whereas the nasal spray vaccine is made with live weakened flu viruses (that do not cause the flu). Another difference is the way the vaccines are administered – the flu shot is given with a needle, whereas the nasal spray vaccine is what it says it is, a nasal spray.
2. Contagious means easily spread from person to person.
3. The best time to get a flu vaccine is in October or November because the flu season can begin as early as October.
4. Specific populations of people that should get vaccinated each year are: those who live in long-term care centers, adults and children with chronic heart and lung conditions, people with diabetes, and anyone with HIV/AIDS.
5. Most adults may be able to infect others beginning 1 day before symptoms develop and up to 5 days after becoming sick.
6. Ways to protect yourself from getting the flu include keeping yourself healthy – using preventative measures like healthy food choices, exercise, etc., washing your hands, and keeping your distance from those who have the flu.
7. A symptom is a change in the normal condition of the body that serves as a sign of possible illness.
8. Flu viruses are spread in droplets caused by coughing or sneezing. Some people are also infected by touching something with flu viruses on it and then touching their mouth or nose.

The GED – A Valuable Credential

1. Answers may vary – student opinion regarding the value of the GED.
2. Opportunity means a chance for a better situation – better job, higher pay, new learning experience, etc.
3. The subjects of the GED test include: language arts – writing, language arts – reading, social studies, science, and math.
4. The GED was originally created for veterans who had to leave school early to fight overseas in World War II.
5. Equivalent means being the same or almost the same.
6. Answers will vary – it does not state directly where to get help in the text. Hopefully learners will know the answer from their own experiences.
7. A recipient is a person who receives or gets something.

Golden Gate Bridge

1. Chief Engineer, Joseph Strauss, introduced the hard hat and safety net that stretched end to end under the bridge to aid in workers' safety.
2. Construction of the Golden Gate Bridge began during the Great Depression.
3. It is solid and well-constructed. Fifty-two years after it was built, the Bridge withstood a 7.1 magnitude earthquake without incident.
4. The Bridge first opened on May 27, 1937 to pedestrian traffic – it was opened to cars the following day.
5. Its orange color and the length of the Bridge are its most unique qualities. Until 1964 it was the longest suspension bridge in the world.
6. The Half Way to Hell Club was a group of 19 workers who fell from the Bridge and lived because of the safety net that was under the Bridge. Why the name? – Probably because the net caught them half way between the Bridge and the Bay where they would have met their death.
7. Painting the Bridge is the primary maintenance job because the paint protects the Bridge's steel components which rust and corrode in the high salt content air.
8. Annual means happening every year; yearly.

Happy Halloween

1. Pagan means worshipping many gods.
2. The reason Halloween is celebrated in the fall of the year is because it grew out of a Celtic harvest celebration that happened after the last day of summer.
3. A folk tale is a story that originated long ago (often hundreds of years) that has been passed down over time by word of mouth.
4. Good, or friendly, spirits were seen as sources of guidance. Bad, or evil, spirits would cause trouble for people, especially if they were not given food or drink.
5. The Christian church tried to replace Samhain because they disapproved of the pagan beliefs and rituals.
6. The roots for trick-or-treating may come from the belief that spirits would travel door-to-door looking for treats of food or drink, and if there were none, the spirits would play tricks on the home dwellers.
7. Samhain is described as a “magical and fearful time” because it was a time when the barrier between the worlds of the living and the dead broke and spirits walked on earth. Some spirits were welcomed as sources of guidance; others were feared because of their evil nature.

Libraries

1. Answers may vary... look for personal opinions.
2. Research proves that children who are read to often, do better in school.

3. Answers may vary... look for personal opinions.
4. Bilingual means written in two languages.
5. The Marshall Lyon County Library has special presentations, cookie baking and cake decorating contests, book discussion groups, and internet classes.
6. It costs nothing to use the library – it's free!
7. A librarian is a very helpful resource at the library.

Lightning – The Underrated Killer

1. Summer is the peak season for lightning deaths and injuries because that is the time of year when the combination of lightning and outdoor activities is greatest.
2. Conduct means to carry; to be a path for.
3. The 30-30 rule can be used when visibility is good; when there is nothing obstructing your view of the thunderstorm. The 30-30 rule is a method of observation and counting that can help you predict how close you are to a storm.
4. The number of victims of lightning strikes is probably not accurate because some who are struck do not seek help or report it, and some doctors do not report lightning injuries as lightning injuries.
5. People can be struck directly, by the main lightning strike, or by the current that moves in and along the ground.
6. It is safe to leave a place of shelter no sooner than 30 minutes after hearing the last clap of thunder.
7. "Seek shelter immediately" means - find a safe, enclosed place to protect yourself from the storm right away!
8. One of the main reasons lightning is so dangerous is because people fail to recognize how serious and dangerous it really is.

Madame C.J. Walker

1. Madame C.J. Walker was a black woman born in the 1860s to former slaves, and then was orphaned at the age of 6. She lived in poverty and had little education. All of these factors could have easily contributed to an unsuccessful life.
2. She created training and job opportunities for thousands of black women within her company. She encouraged black women to be their own agents of change and to create their own opportunities. She also generously supported many organizations.
3. Madame C.J. Walker, a woman who was barely literate, was very proud of her daughter because of her educational accomplishments.
4. A recipient is a person, place, or in this case an organization that receives, or gets, something.
5. Answers will vary. You have the potential to make great things happen for you and others around you. Be an

agent of change, a creator of opportunity, for yourself and others.

6. An opportunity is chance for a better situation.
7. Black women were the main consumers of her products because it was a product designed for the unique hair needs of black women. Like Madame C.J. Walker, many black women of that time had hair damage from poor nutrition, lack of running water, and from hair straighteners.
8. An accomplishment is something that has been successfully completed.

Mother Teresa

1. In Calcutta, Mother Teresa was known as the saint of the gutters.
2. This name was given to her because she devoted herself to working with the poorest of the poor in the slums of Calcutta.
3. Vocation means a strong desire or calling to do a specific type of work.
4. Mother Teresa is Catholic.
5. Mother Teresa did most of her work in India.
6. A hospice is a home for the dying.
7. Mother Teresa believed world peace could be promoted by family members loving each other.

A Powerful Presence in Your Home

1. Some positive aspects of TV are educational benefits (Public Television programming, history and nature shows, etc.) and getting information such as current events.
2. Some negative impacts of TV are sleep, health and behavior problems, struggles in reading and academics, and obesity.
3. Answers will vary – student opinion.
4. Children under 2 years of age should not be watching any TV.
5. Yes, children mimic what they see on TV. Studies link children's viewing of violent programming with aggressive, violent behavior towards other children.
6. "Used in moderation" means used within reasonable limits, not excessive amounts.
7. TV is linked to obesity in children because TV viewing is a sedentary, passive experience; as opposed to an active one.
8. The TV is described as an "invited, but often times undesirable guest" because we place TVs in our homes (often more than one) – we invite it into our lives, but yet some of the messages it sends are very undesirable.

The President of the United States

1. A candidate for President must be at least 35 years old; be a natural born citizen; and have lived in the U.S. for at least 14 years.
2. As Commander in Chief, the President is the head of the U.S. military. He is responsible for the nation's security.
3. The President is the head of the executive branch of the U.S. government.
4. When a President vetoes a bill it means that he does not like the bill, and he refuses to sign it.
5. The legislative branch of the government writes laws.
6. The President of the United States can be in office 8 years (two terms).
7. No, to officially declare war, the U.S. President must get approval of Congress.

The Statue of Liberty

1. The Statue of Liberty was a joint effort between the U.S. and France. France was responsible for the actual Statue and its assembly in the U.S. The U.S. secured a site for the Statue and built a pedestal on which it would stand.
2. Centennial means a one hundredth anniversary.
3. The Statue was built in honor of friendship that the U.S. and France had established during the American Revolution.
4. It was reduced to 350 pieces and packed in 214 crates before being put on a ship – it arrived in New York Harbor in June of 1885.
5. Winds of 50 miles per hour cause the Statue to sway 3 inches; the torch sways 5 inches.
6. The goal was to have it completed by 1876, presumably by July 4th of that year, because it would have coincided with the centennial of the Declaration of Independence.
7. Symbolic features of the Statue of Liberty include:
 - Twenty-five windows in the crown represent gemstones found in the earth and the heaven's rays shining over the world.
 - The seven rays of the Statue's crown represent the seven seas and seven continents of the world.
 - On the tablet in her left hand, written in Roman numerals is the date July 4, 1776 – the date of American Independence.
 - The broken chain wrapped around the Statue's feet represents freedom from oppression.
 - Her torch shines to enlighten the world.

Surprise Guests

1. They enter homes and other buildings because they like to live in warm places – as the outside temperature drops in fall and winter, they move inside.
2. Asian lady beetles are a mixed blessing because they are

effective in ridng plants of harmful pests like aphids and scales, yet they are often a nuisance as many over-winter in homes.

3. Reflex bleeding is their defense mechanism. The reaction often prevents predators such as birds from eating lady beetles. They will “bleed” when agitated or squashed.
4. Their introduction into new U.S. habitats freed the lady beetles from some natural population checks and balances that occur within their native Asian range.
5. Asian lady beetles do not chew or bore holes in walls or eat carpet or furniture. Also, they do not lay their eggs in homes.
6. A nuisance is something that annoys or bothers someone.
7. Prevention is the best way to deal with lady beetles. Caulking exterior cracks and crevices is the best way to keep them out. Once inside, people can get rid of them by sweeping and vacuuming.

The United States Flag

1. There is no official meaning for the colors of the flag.
** Students may list some of the theories, but make sure they reference them as such, theories.
2. You are most likely to see flags flown near government buildings, post offices, libraries, and schools.
3. On June 14, 1777 the Continental Congress voted to establish an official flag.
4. The 50th state had entered the Union by 1960 – by that year, there were fifty stars on the flag.
5. The 13 stripes represent the original 13 colonies.
6. Observe means to follow a certain custom; to celebrate.
7. There were 13 stars on the first flag.

Why Vote?

1. Less than 50% of Americans vote in most elections.
2. A Governor and elected members of the State Senate and House of Representatives govern each state.
3. “Your vote is your voice”, means that you get to vote at local, state and national levels in order to determine the direction of policies and politics in our nation.
4. Every U.S. citizen has the right to an equal vote; each vote has an equal impact.
5. Elections affect who represents you in government; how public money gets spent; and, what laws are passed.
6. Exercise means to put into practice, or make use of.
7. County board members, a mayor, and city council members make up the local governing body.

Wind Energy

1. Wind generates electricity in thirty different states. All together wind machines in the U.S. generate 17 billion kilowatt hours of electricity per year – enough to serve 1.6 million households.
2. Pros - Wind is a clean, renewable, and economical fuel. There is a large supply of it in the U.S.
Cons – Negative effect on wild bird life and visual appeal of the wind machines.
3. There is a need for new sources of energy because one of our current energy sources, oil, is very costly and becoming scarcer. Plus, current and past uses of fossil fuels are the cause of our alarming changes in the global climate.
4. Viable means continuing to grow and being capable of success; economical means operating with little waste and saving money. Wind is both of these things and more.
5. The most common type of wind machine is the horizontal axis type. As its propeller-like blades collect the wind's kinetic energy, they turn. These blades are connected to a drive shaft that turns an electric generator to produce electricity.
6. The potential is huge! One wind machine can produce enough electricity to power 150 to 400 homes (depending upon how much energy each home uses).
7. The states with the most wind production are: California, Texas, Minnesota, Iowa, and Wyoming. Answers may vary as to why these states are the leaders – large open land areas and lots of wind may be the most common responses.
8. Alternative means offering a choice between two or more possibilities.