Weekly Words for 11/27

The Sun

1. **sun** is a noun for **the star at the center of the solar system**.
2. **solar system** is a noun meaning **the entire collection of planets and other bodies that orbit the sun.**
3. **revolve** is a verb that means **to turn on an axis**. Planets revolve around their axis and around the sun.
4. **orbit** is a noun or a verb that means **the path that planets take around the sun**.
5. **atom** is a noun that means **the smallest particle of a substance**. All matter is made of combinations of atoms. The adjective form is atomic.
6. **nucleus** is a noun that means **the part of an atom that contains protons and neutrons**. If you split a nucleus, it releases energy called nuclear energy. This is VERY hard to do. It takes huge amounts of energy to split an atom. Nucleus can also have a figurative meaning. It means the center of something. Nuclear is the adjective form. Your nuclear family is your parents and brothers and sisters.
7. **atmosphere** is a noun meaning **a layer of gas surrounding a planet**. The oxygen we need to live is part of the earth’s atmosphere. If we went far from the earth’s crust, we would die from lack of oxygen. The adjective form is atmospheric. You will hear a meteorologist discuss atmospheric pressure.