**STATION 2: WATCH IT!**

**Nucleic Acids**

Go to <https://www.youtube.com/watch?v=MA-ouz1LtpM> and answer the questions below.

1. Nucleic acids are a class of biomolecules found in all living organisms. What 2 primary things are nucleic acids responsible for in a cell?
2. What is the name of the monomer that makes up nucleic acids? What are the 3 components that make up this monomer?
3. What makes up the backbone of a nucleic acid?
4. How many strands are found within DNA and what holds those strands together?
5. How does RNA differ from DNA?
6. What is the purpose of RNA?
7. What is ATP and how does it differ from RNA?
8. What happens to an ATP molecule when energy is needed? What does ATP become when energy is released?