

# Photosynthesis Aurasma Activity

The purpose of this activity is to demonstrate knowledge of a concept within Photosynthesis.

Each group will be given a topic to answer as a video using any of the apps we have explored so far this year. Those include: Explain Everything, iMovie, Camera Roll, and Tellagami. The final work will be connected to our class channel on Aurasma.

## Topic Questions

1. What is the relationship between ATP and ADP? Be sure to include the molecular information of both molecules.
2. What is the relationship between Photosynthesis and Cellular Respiration?
3. Provide an explanation of the visible light spectrum and how we see images. Why do you not use green light on most plants?
4. Explain the anatomy and physiology of a chloroplast.
5. Explain the significance of electron carrier molecules and how NADP and NADPH impacts photosynthesis.
6. Provide an explanation of the chemical equation for photosynthesis and the significance of the reactants and products.
7. Explain the factors needed for photosynthesis and where they are most significant in the process.
8. Explain the processes of the Light Reactions and the Calvin Cycle.

## Items to Consider

- Start with the end in mind. Meaning, focus on the content of your information and show what you know!.
- Once you have an outline and detailed explanation of your topic, decide what style of video you think is most effective.
- Create your video using your choice of app. Make sure you save your work before the end of the bell.
- Push all final videos to the camera roll.
- Decide on an effective trigger image.

Due by the end of the day on Tuesday!

Question: \_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_