

# STREAM Digital Portfolio Requirements

## A WORLD WITHOUT

**CHALLENGE:** Using your organism from your World Without Project create a model ecosystem that can support your organism and prevent it from becoming extinct and affecting the other organisms in its ecosystem.

### ASK

- Bulleted list of questions that you have before starting OR that you hope to discover through your project.

Example: Is there one factor or many factors that is causing or can cause my organism to become extinct or disrupt my environment.

### IMAGINE

- Your personal brainstorm
  - Labeled drawing with potential written or oral description on the environment you will be creating.

### PLAN

- Before you begin your plan you must research on what makes up your organism's ecosystem both living and non-living. Feel free to use your poster you created in your classroom if you created one. As well as what factors affect your organism and its ecosystem.
  - Detailed list of **materials you will be working with or need from Mr. Schneider Ex: Model Magic** (exact amount included)
  - List the steps you will be doing in order to complete your project.

### CREATE/IMPROVE

- Photos and or videos of your construction process.
- Brief written notes/description and/or oral reflection on any challenges or successes your team experienced during the creation of your environment.
- Did you make any modifications during your creation?

### COMMUNICATE

You will be making an IMovie explaining your model ecosystem and the relationship between your organism and the movement of energy (matter) among plants, animals, decomposers, and the environment.