Developing Wildlife Habitats

**Objective**: *To develop effective habitats to attract and support native bird & bat species.*

**Procedure**:

1. Research native bird and bat species, their niche in the environment, their value in an urban garden, and ways in which their population can be supported.
2. Construct and establish a suitable structure that supports the selected species.

**Research**

*Part 1: Species Identification -* Identify 5 different bird and/or bat species native to the Salt Lake Valley. From the generated list, select one species for which you will focus on. (\_\_\_\_/5 pts)

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| --- | --- |
| **Species** | **Native Range** |
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 Rationale for Selection -

*Part 2: Ecosystem Services –* For the selected species, describe **at least 3** benefits that species provides to the ecosystem. (\_\_\_\_/5 pts)

1.
2.

1.

1.

Sources -

*Part 3: Habitat Requirements* – For the selected species, describe the habitat it requires to be successful. Include information regarding the preferred shelter, food source, climate, etc. (\_\_\_\_/5 pts)

Sources –

*Part 4 –Design* – Draw a detailed blueprint of the proposed structure. The blueprint should include a front view and side view and include materials and dimensions. Extra credit will be awarded for *upcycling.* Show the design to a peer and then Ms. Moretz for feedback and final approval before proceeding to the building stage. (\_\_\_\_/10 pts)

Materials Needed:

(highlight any upcycled materials for e.c.)

Teacher Approval \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

*Part 5 – Structure Construction and Establishment –* Build your design, place it in the selected environment, and enjoy! (\_\_\_\_/15 pts)