*How is a Plane Like a Bird? - Phase 2 of Leonardo da Vinci Project*

***The study of Flight and the Natural World*** *– How can we bring birds to our DV Connect campus? How can we design and build “flying” toys?*

*In phase 1 of our LDV project we uncovered how important Observation was to Leonardo and how he asked questions about what he observed. We reflected on what we already know about how the eye functions to see and uncovered the structures and functions of the eye and what the parts remind us of. We reflected on what we came to understand about the eye. We answered our own questions through research.\*\*\*\*\**

***In Phase 2*** *we will focus on how Leonardo da Vinci used his observation skills to observe birds in his study of flight. Each will choose his/her own bird and Create a National Geographic bird page and a design/product for a glider or bird/bat house.*

**\_\_\_\_\_Product – Bird/Flight –** *I can use observation skills to create informative pages about a specific bird I’m interested in and include the information below along with an expository explanation of other interesting information about my bird.*

**\_\_\_\_\_\_Product** - Design for a bird/batHouse OR Glider

Please go to [www.audubon.org/bird-guide](http://www.audubon.org/bird-guide) click on “Birds” in the Menu and then “North American Bird Guide” Scroll down and search the birds on this site. Find a bird you would be interested in researching and focusing on. If you can’t find all of the information for your bird, go to <https://www.allaboutbirds.org/> and search your bird. Click on your bird and search overview from the menu on the bird page.

**Record the following information on this sheet or in the Science section of your composition notebook.**

*\_\_\_Name of Bird\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

*Scientific Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

***Size:***

*\_\_\_Body Weight*

*\_\_\_Body Length*

*\_\_\_Wing Length*

***Habitat***

***\_\_\_\_ Where in the world is the bird found?***

***\_\_\_\_ Include a map in your photo page below.***

***\_\_\_\_ If the bird is migratory, where does it migrate to?***

*\_\_\_Surviving Number:*

*\_\_\_Is your bird endangered?*

*\_\_\_Reason(s) for Endanger: Stretch yourself to see the bigger picture here.*

*\_\_\_Find a photo of your bird still and a picture of your bird in flight – Save the pictures in a google doc and print them from my computer.*

\_\_\_\_(As a class) What do we want to know about our birds? Record questions below:

\_\_\_\_\_Take notes in your Science journal about:

|  |  |
| --- | --- |
| What I know……. | What I found out…… |

ss