

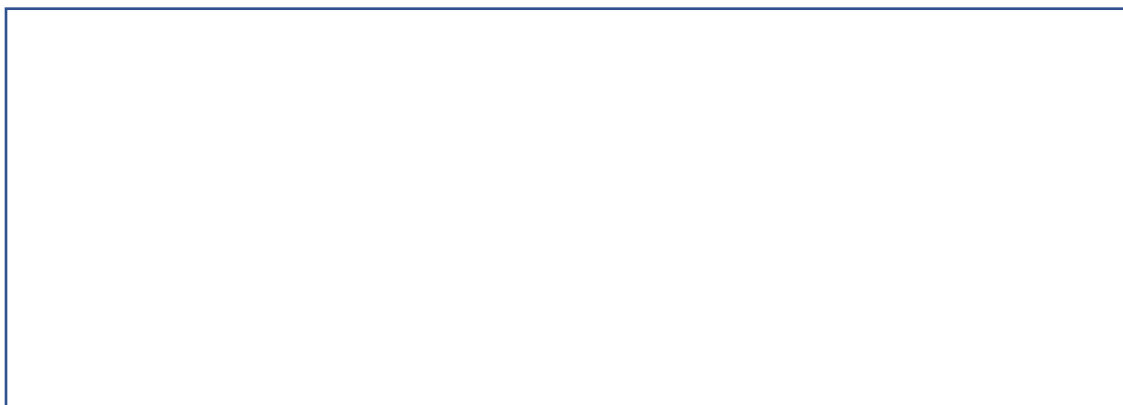
Biomimicry – Creating Your Own Invention

Step 1. Brainstorm with your group. Come up with some ideas for your invention.

Step 2. List 3 design ideas your group came up with.

1. _____
2. _____
3. _____

Step 3. Draw your idea for your invention. Label the materials you will use.



What carrier in nature inspired your idea? _____



Step 4. Build your idea!

Remember, as you build, you may change the initial idea. But your carrier should still be small and light.

Be ready to discuss any problems you had while building and the solution your group came to.

What materials did you use?

Step 5. Test and Evaluate

How much did it weigh? (*use the digital scale*) _____

How far did it fly? (*use the tape measure*) _____

How long did it stay in the air? (*did you use the stopwatch?*) _____

Step 6. Reflect and Redesign

Were you happy with your results? _____

How would you improve your design based on your own group's testing and based on the observations of other groups' designs after testing?

If there is time, redesign, and test again.