4th Grade BIOMIMICRY INVENTURE UNIT

Research: Animal Sensory Adaptations

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Humans have 5 senses: sight, hearing, touch, taste, and smell. Many animals make **clever** use of these senses. Others have entirely different senses than we have such as the ability to sense magnetic fields or electric signatures of other animals.

Research AMAZING ANIMAL SENSES:

Take notes on at least 3 of the most interesting Animal Sensory Adaptations you find in your search.

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| Web Site | Animal Name | Specialized Sensory Receptor | Describe how this sense receptors is specialized for sending particular kinds of information to the brain and how Animals are able to use their sensory receptors to guide their actions. |
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The Challenge

Get an inspiration for new technologies by observing and copying nature.

Choose an animal **sensory** adaptation as an inspiration to design or invent something that can solve a problem or help humans survive and thrive!

Sketch your idea below! Be prepared to share.