

The design and production of materials, structures, and systems that are modelled on biological entities and processes.



BIOMIMICRY

By Mr. Oyebode – Design and Technology

Learning Objective: To investigate 'Biomimicry' in relation to the design of products.

Aims and Objectives

- To investigate 'Biomimicry' in relation to the design of products.
- To analyse how the shape and design of nature is implemented into the design of products.
- To create a design of a furniture (table or chair) based on 'Biomimicry'.

Biomimicry #VIDEO 'When Nature Inspires Design'



Vince Penman

Learning Objective: To investigate 'Biomimicry' in relation to the design of products.

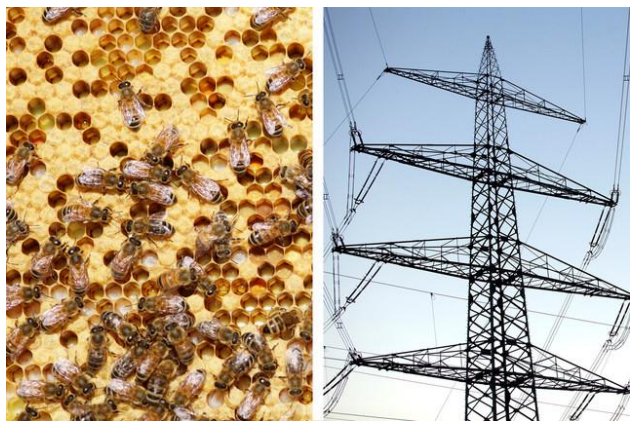
Biomimicry #VIDEO 'Nature is Smarter than us'



Learning Objective: To investigate 'Biomimicry' in relation to the design of products.

Starter – Name/Describe the product/object and the object from nature it's based on.

1



2



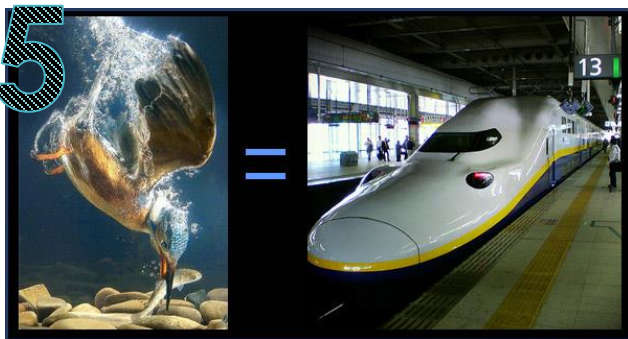
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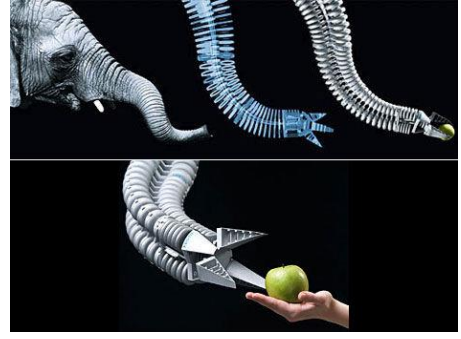
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8



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Main Activity — Design 3 Furniture (table OR chair) based on EACH of the 3 objects below from nature.

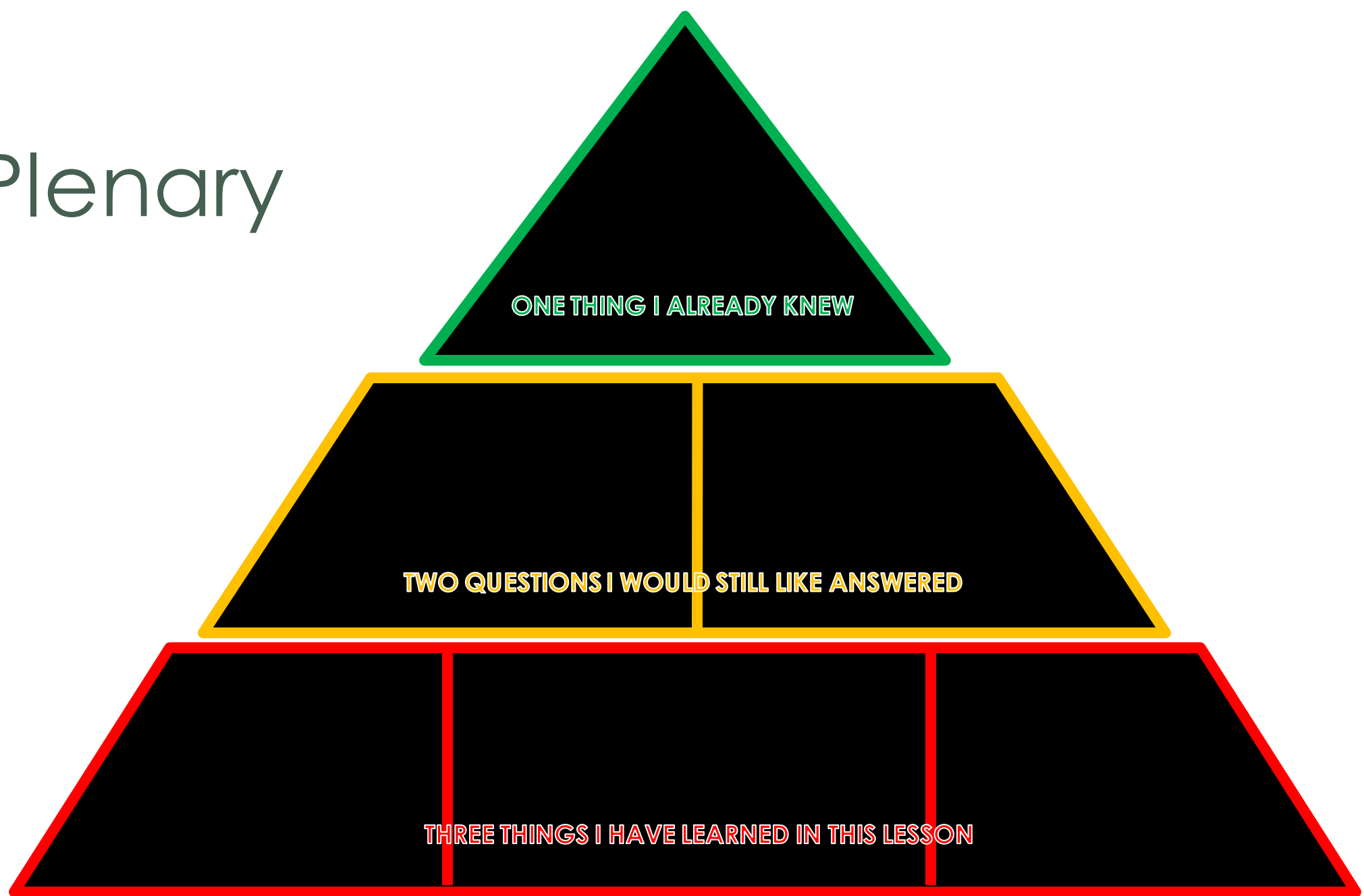


Examples of Biomimicry Furniture...



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Plenary



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