



**Design out the box**



# Biomimicry

The founder of 'Apple', Steve Jobs said, "I think the biggest innovations of the 21st century will be at the intersection of biology and technology. A new era is beginning." The crossroads that he spoke of actually has a name -

## **Biomimicry**

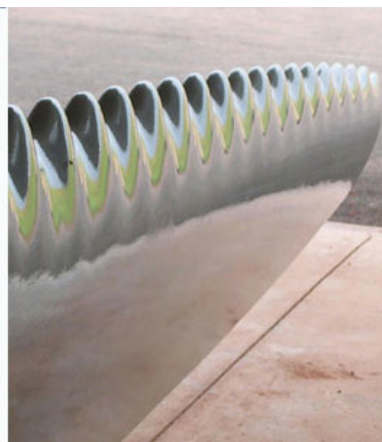
It has been helping inventors, designers and architects innovate in genius ways for centuries, its value has become even more apparent in the past few years as we realize that Mother Nature is one of the universe's most incredible designers.

There are examples of biomimicry all around us, Velcro, airplanes and buildings modelled after termite mounds. If you're an architect, designer or inventor facing a design dilemma that you simply can't get past, or if you're just feeling stuck in a rut, the answer might be right in front of you.



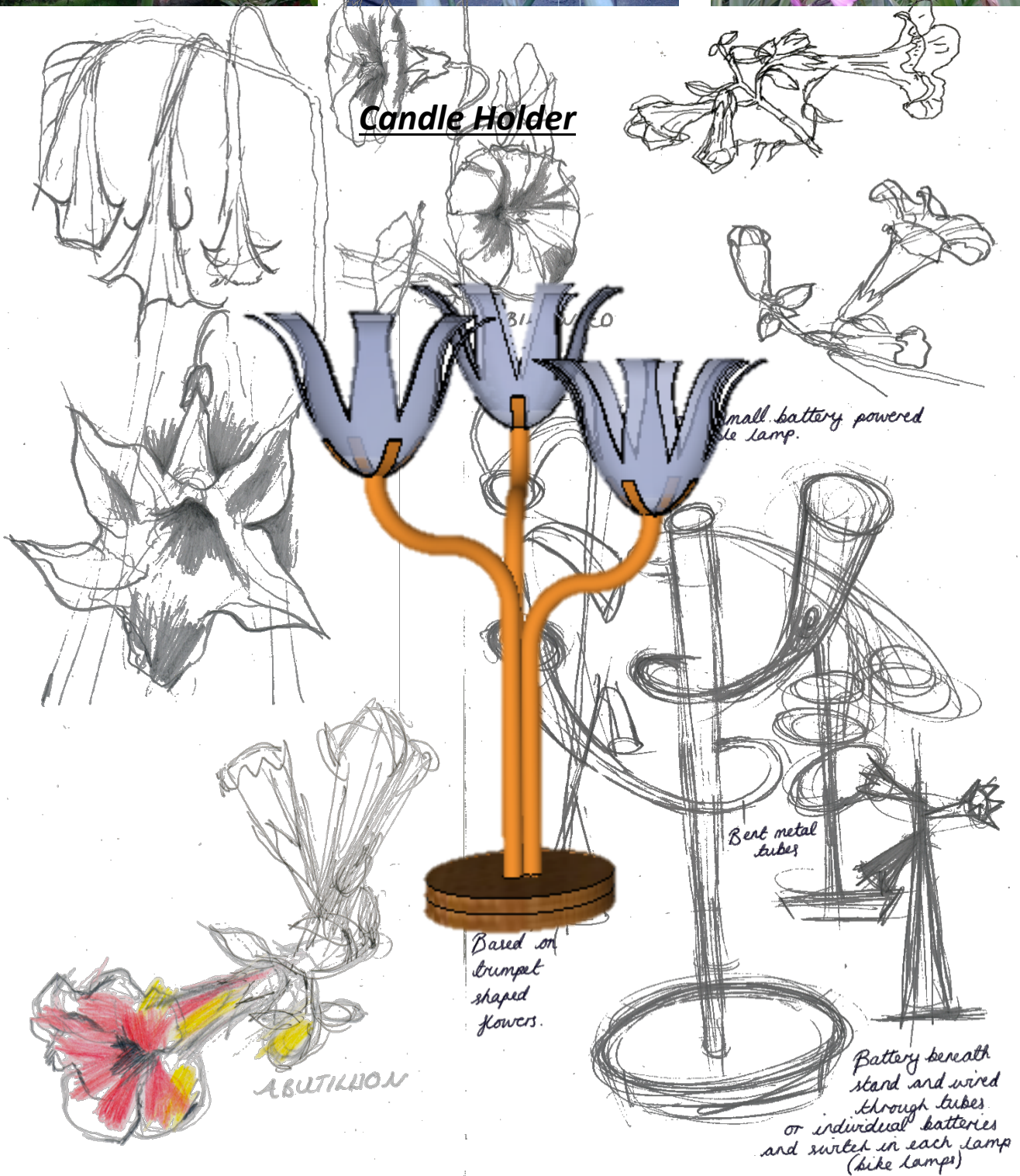
### **Task:**

Based on observational drawings from nature, design and make a new product/ products for a specific market which will be sold under the brand name "Biomimicry". Consider suitable packaging to reflect this theme.





# Biomimicry



Candle Holder

Small battery powered lamp.

Best metal tubes

Based on trumpet shaped flowers.

Battery beneath stand and wired through tubes or individual batteries and switches in each lamp (bike lamps)

ABUTIKHOV



# 5. Biomimicry

**Task:**

Produce a range of **observational drawings** inspired from nature that you may use in the design of your product.

Observational Drawings

Observational Drawings



# Biomimicry

**Task:**

Based on your observational drawings from nature, design and make a new product.

Observational Drawings

Observational Drawings