



## W4.1- NATURAL MODELS

### Improving your design: Group Evaluation Wheel and Questions

DESIGN OR PROJECT NAME:

DESIRED FUNCTION / CONCEPT:

**Q1:** Based on the nine principles of biomimicry, this is close to how nature would design this product/project.

STRONGLY AGREE	AGREE	NEITHER AGREE NOR DISAGREE	DISAGREE	STRONGLY DISAGREE
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**Q2:** Looking at your design and comparing it to the nine principles of biomimicry, which areas are the strongest? **Why is this the case?**

**Q3:** Which areas are the weakest? **Why is this the case?**

**Q4:** Think of one practical way you can improve your design.



#### Improving your design

*Consider how you might use the nine principles of biomimicry to improve your design. How might nature go about designing the product or function you are trying to produce?*

**TASK:** Use the diagram below to plot how your product achieves in relation to each biomimicry principle of design. Use this to consider the strengths and weaknesses of your design.

