



Lessons From Nature

LfN Personal Reflections

This can be used at multiple points along the learning journey.

I was **inspired** by

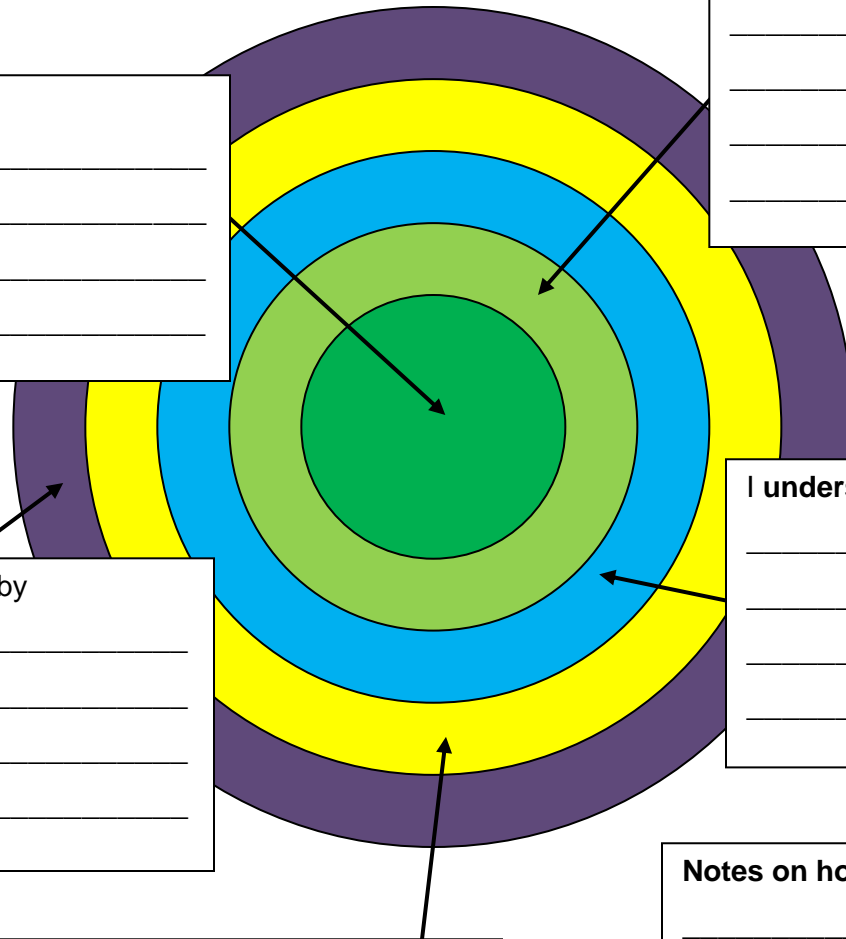
I **discovered**

I **shared** my knowledge with others by

I **understand**

I **applied** my knowledge to

Notes on how this learning could impact my future





LfN Learning Wall

Use this wall to plan and chart your progress on a learning journey developing knowledge, understanding and competencies.

- First colour (start of the learning experience)
- Second colour (end of initial learning experience)
- Third colour (during subsequent learning)

Progression

Understanding Insights from Nature			Discovery	Critical Thinking		Creativity		Sharing	Reflection & Evaluation
Multiple Benefits	Waste equals Food	Diversity gives Strength	Enquiry and coping with uncertainty	Questioning	Analysing information	Using imagination	Using initiative	Communicating ideas	Reflecting and evaluating
I can propose a new product that incorporates the multiple benefits principle together with the other insights. I can use nature as a mentor and a measure.	I can propose a new production system that is closed loop and incorporates the other insights. I can use nature as a mentor and a measure.	I can propose a new product that uses the diversity gives strength principle together with the other insights. I can use nature as a mentor and a measure.	I am happy to take on new tasks even when the outcome is uncertain. I can develop my own enquiries to continuously extend my learning.	I have a lot of enquiry based questions and always try to find better ones to extend my learning. I can normally answer questions on my own.	I can find my own sources of information and use nature as a measure to make critical judgements. I can summarise the information and use it to make decisions.	I can use my imagination to find new understanding from information without help.	I actively take the lead in trying out and testing new ideas and activities.	I can explain how nature can be an inspiring mentor and a measure in the design of the modern world. I can explain that the insights from nature could offer hope for a brighter future.	I can develop new targets for myself.
I can apply the multiple benefits principle to suggest improvements to a current design.	I can construct a closed loop system. I can apply the waste equals food principle to suggest improvements to a current design.	I can apply the diversity gives strength principle to suggest improvements to a current design.	I can take on tasks where the outcome is uncertain so long as I have support from friends or adults.	I can think of some questions on my own, and can answer most on my own or with friends.	I can summarise information from more than one source and I can see how comparing things in the human world with nature helps me to make judgements.	I can connect new ideas to new understanding but with help from my friends.	I try out new ideas and activities but need help from my friends or teacher.	I can effectively communicate information to a range of audiences in a variety of ways, including in groups and in problem-solving situations.	I can identify what else I need to know to increase my knowledge and understanding.
I can describe an example of a human product or (production) system with multiple benefits.	I can describe an example of waste equals food in the natural world. I can classify materials as technical, biological or mixtures.	I can describe an example of diversity gives strength in nature.	I can join in tasks where the outcome is uncertain so long as someone else is taking the lead.	I can think of questions with the help of others, and need help from an adult answering them.	I can summarise the information from one source and with limited help.	I find it difficult to connect new ideas to new understanding without help from an adult.	I will join my friends when they try out new ideas and activities.	I can communicate my ideas to others when asked. I can cooperate with my peers to explore new ideas in depth.	I can describe what I have learnt and identify what helped me to learn. I can describe how I feel about the learning.
I understand where multiple benefits can be found in nature.	I understand the terms 'linear system' and 'closed loop system'	I understand the terms 'monoculture' and 'biomimicry'	I need tasks to have a clear goal that I can easily understand.	I keep quiet and let others ask questions.	I need help to summarise information	I need to be told what things mean by a teacher.	I always let other people take the lead in trying out new ideas and activities.	I am not confident sharing my ideas with others and feel nervous they might not be accepted.	I can recall what happened during the learning and the role I played.