Mycelium Networks

Mycelium (the underground parts of fungi) make connections between the trees and plants in forests. These connections create a network for plants to trade nutrients and information.

Using the cards on the following page, create your own forest. You can print as many copies of the trees as you'd like (to build a small forest or a big forest).

Use string, ribbon, or anything similar to connect all of your trees. You've made a model of a forest mycelium network!

Now test the *resilience* of your network (how well it can sustain damage). If you break a connection between two of your trees, are all of the trees still linked through other connections? How many connections do you need to break before a tree is no longer connected to any other trees? Can you add create different connections to make your network more resilient?

Earth to Sky: Connecting with Our Ecosystem