

**Objectives:**

1. Analyze key details and organize them visually.
2. Evaluate the characteristics of mycelium that make it a good material alternative.



You may notice at this point that your mycelium planter has taken form. What can you directly observe about your planter? You will notice how the mycelium network is acting as a bringing agent to ‘glue’ together the substrate. While your kit came with a hemp substrate, often it is made from leftovers from the agricultural and forestry industries. These substrates are always a mix of plant material, which the fungi feed off of.

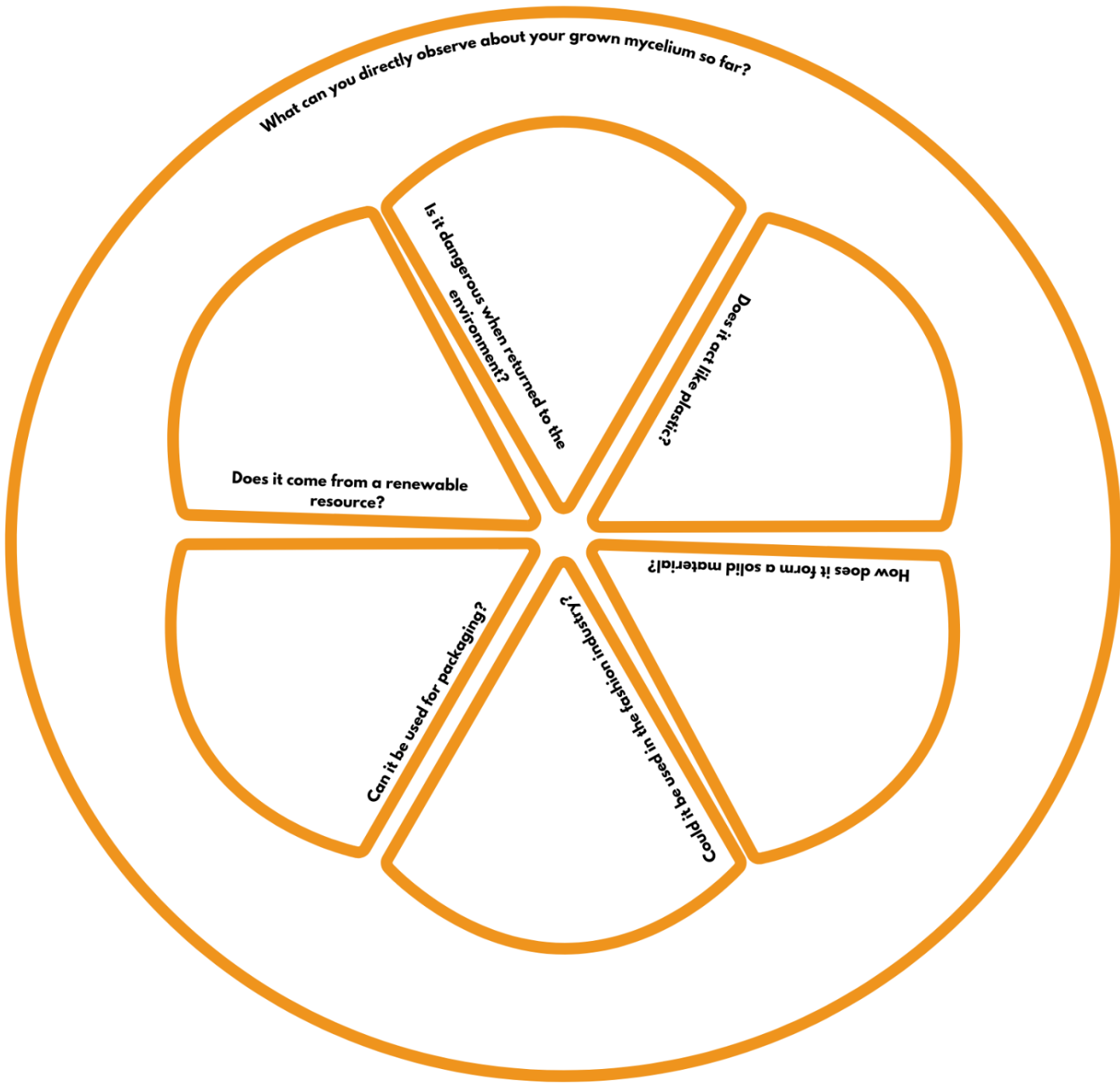
Watch this [video](#) on the various uses of mycelium, as well as this [video](#) outlining its unique properties. As you watch, jot down some brief notes:

**Peel the fruit activity: Can mycelium replace plastic?**

In order to understand if mycelium could be an effective alternative to the problem of plastic, we must get a deeper understanding of its characteristics. Just like when you peel a fruit, you start from the surface and work your way in. In this activity you will need to ‘peel back’ layers and produce evidence for your final conclusions.

This activity can be done alone or with a partner. It can be done on the provided template below, larger poster, or digitally.

# Peel the fruit activity: Can mycelium replace plastic?



What are your final conclusions to the question, 'Can mycelium replace plastic?'