

Playlist: **NATURAL** vs **SYNTHETIC**

Video #1: Nylon

1. What state of matter are the two chemicals that make nylon? (Solid, liquid or gas)

Video #2: How It's Made: Glass Bottles

2. What is 1 of the natural ingredients glass is made from.
3. How does the bottle end up hollow (or empty) inside?
4. How do they keep the bottles from cooling down too quickly?

Video #3: How It's Made- Natural Rubber

5. What type of living thing does rubber come from?
6. List 3 things made from rubber.
7. How is the rubber harvested?
8. Why is the rubber "smoked?"

Video #4: How it's Made- Synthetic Rubber

9. Give 1 example of an item made from synthetic rubber.
10. The wet rubber crumbs are a lot like wet _____.
11. How many hours does it take to manufacture bales of synthetic rubber?
12. After learning about natural and synthetic rubber, which one takes longer?

Video #5: How Cork Stoppers are Made

13. What type of living thing does cork come from?
14. How many hours does it take to clean the corks?

Video #6: How It's Made- Synthetic Cork

15. What is 1 of the ingredients synthetic cork is made from?
16. What gas is injected into the cork to create bubbles for the cellular structure of the foam?