

Intervention 8.1.4 **NATURAL** Vs. **SYNTHETIC** Webquest

Task #1: Go to the following site and answer the questions below.

http://www.globalspec.com/learnmore/materials_chemicals_adhesives/composites_textiles_reinforcements/synthetic_fibers_fabrics_polymer_textiles

1. List 3 advantages of synthetic fibers

- a.
- b.
- c.

2. list 3 disadvantages of synthetic fibers

- a.
- b.
- c.

Task #2: Go to the following site and answer the questions below.

<http://www.ck12.org/user%3Adxrhac1vzxitzg9llnbhcnruzjay2sxmi5vcmc./book/8th-Grade-Science-for-UT-SEEd-Standards/section/2.4/>

3. Define “all natural”

4. Define “synthetic”

5. The diamond produced in the lab costs about _____ less than the mined diamond.

6. The only difference between natural and synthetic insulin is the _____ used to make them.

7. Digitalis is a _____, made from the Foxglove flower, that is used to treat congestive heart failure

8. What natural product is plastic made from?

9. What is a downfall of plastic?

10. Give 2 examples of natural fibers.

- a.
- b.

11. Give 3 examples of human-made fabrics.

- a.
- b.
- c.

12. What natural product are the fabrics in question 11 made from?

- a.
- b.
- c.

Task #3 Watch the following video and answer the questions below.

https://www.youtube.com/watch?v=wioqhkDpl_I

13. What do most people THINK **natural** means?

14. What do most people THINK **synthetic** means?

15. What does **natural** ACTUALLY mean?

16. What does **synthetic** ACTUALLY mean?

17. Is Vitamin C found in oranges the same as Vitamin C found in vitamins you can buy at the store?

18. Is it cheaper and easier to get Vitamin C from oranges or from a laboratory?

Task #4 Read the infographic about natural vs synthetic carpet and answer the questions below. <https://dakotacounty.floorcoveringsinternational.com/blog/infographic-natural-vs-synthetic-carpet/>

19. List 2 advantages of natural carpet.

- a.
- b.

20. List 2 advantages of synthetic carpet.

- a.
- b.