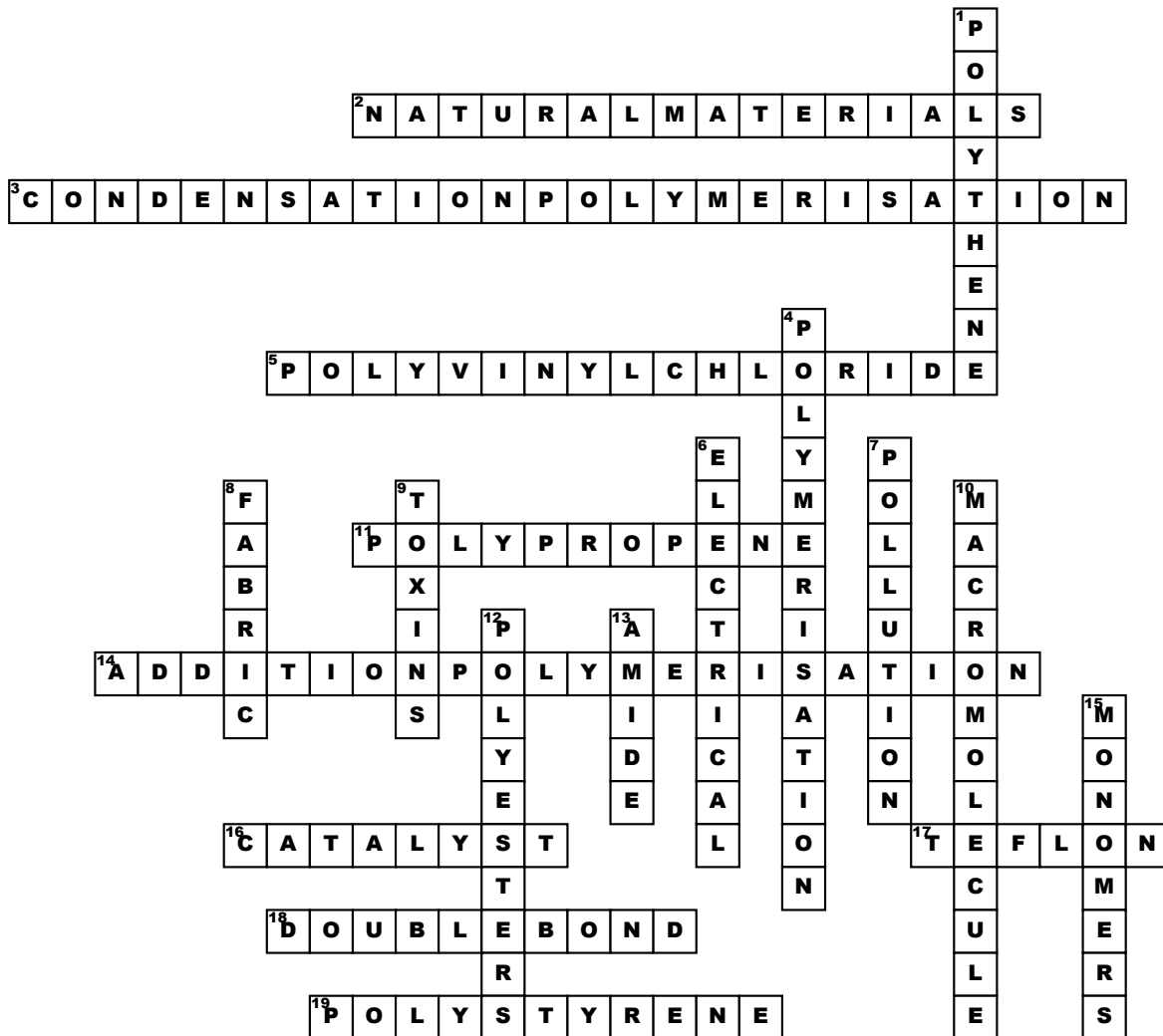


Name: _____

Date: _____

Polymers



Across

2. What can polythene be a substitute for?

3. What is it called when a water molecule is lost each time 2 starting molecules link up?

5. What does PVC stand for?

11. Which polymer is commonly used for rope and carpet fibres?

14. Because only one product is formed in polymerisation, what is this process called?

16. Along with heating and high pressure what else is needed to make polythene?

17. What polymer is used for non stick frying pans?

18. What type of bond is between the two carbons?

19. Which polymer is commonly used for packing and insulation?

Down

1. Which polymer is commonly used for shopping bags and bottles?

4. What is the process of joining together molecules like ethene to form long chains of atoms called?

6. What type of insulator can polythene be used as?

7. What type of problem occurs because of dumping non-biodegradable plastics?

8. Nylon is often woven into?

9. Incineration of non-biodegradable plastics causes what to be released?

10. What are large molecules consisting of thousands of monomers often called?

12. Two different monomers joined by an ester link are often called?

13. What link is formed as nylon?

15. What small molecules like ethene are called?