
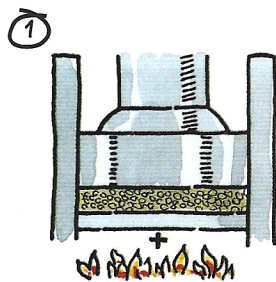
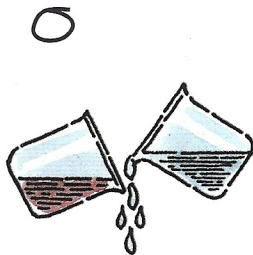


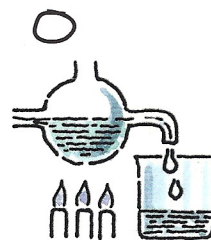
- A** 1  Before you listen to the recording, look at these diagrams, showing the process of margarine manufacture. As you can see, they are in the wrong order. Using a pencil, number the steps in what looks like the right order. The first and last steps are numbered already.



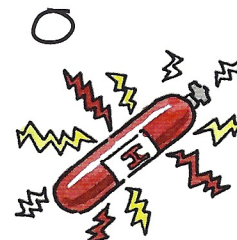
Heat and crush plant seeds



Add lecithin & monoglyceride



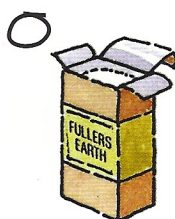
Deodorise by heating to melting point



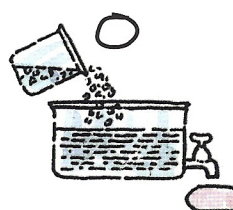
React oil with hydrogen to produce hardened oils



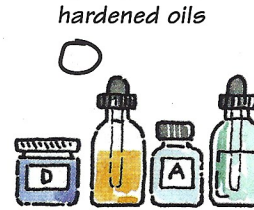
Add skimmed milk, water & salt



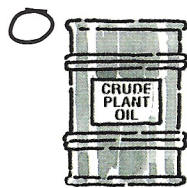
Add fuller's earth to bleach oil



Add caustic soda to remove any waste as soap



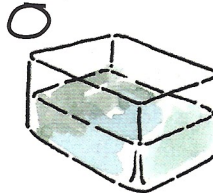
Add artificial flavour, colour and vitamins



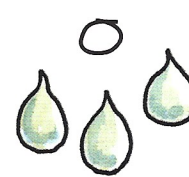
RESULT: still contaminated with gums and resins



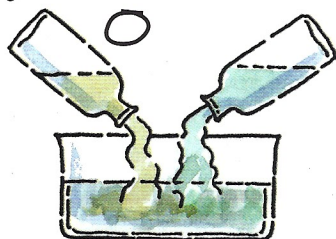
RESULT: refined oil



RESULT: unemulsified ingredients



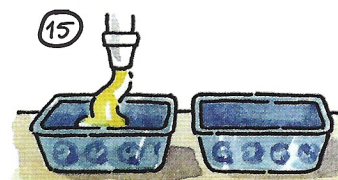
RESULT: blended oils




Mix with fish & animal oils






Neutralise, bleach and filter to remove waste products



Extrude into plastic tub... and put a lid on it

- 2  Listen to the recording and number the diagrams to show the correct sequence of the manufacturing process.

- B** 1   Students A and B look at **Activity 2**, C and D look at **15**. Each pair has different information about the processes of making wine and brewing beer. Study the information and **MAKE NOTES** on the main points of the process, or **highlight** the important information.

- 2  Student A should join C and B should join D to form new pairs. Tell your new partner what you found out. Discuss what the two processes have in common, and how they are different.

- C**  Write an article explaining either how wine is made or how beer is made.

Make notes first, and write your article **WITHOUT** quoting verbatim from Activity 2 or 15.

or Make notes on another culinary or non-culinary process, and write a description of the process. You may need to do some research on this.