

# UNIT 3

## Have you ever heard of polymers?

Lesson plans: activities, resources, evaluation and teacher's notes

[Lesson 7](#) | [Lesson 8](#) | [Lesson 9](#) | [Lesson 10](#)

At the end of this unit students will be able to:

- Know the difference between monomer and polymer. C1-C2
- Know the origins of polymers: natural, manmade and synthetic and give some examples. C1
- Know the three types of polymer structures: linear, branched, and crosslinked. C1
- Have an approximate understanding of viscosity. C1-C3
- Know what silly-putty is as a toy and chemically. C1-C3-C4
- Know the measures of tablespoon (tbsp) and teaspoon (tsp) not used in Catalonia. C1-C4
- Know how to report an experiment C2
- Know that some polymers have the property of absorbing water. C1
- Know and understand the concept of osmosis. C1-C3
- Test water absorbency in sodium polyacrylate and in nappies C1
- Know how to report an experiment C1-C2
- Explain phenomena in real life situations from a scientific point of view. C2-C3-C4.

*C1 means content  
C2 means communication  
C3 means cognition  
C4 means culture*

### Activity Symbols



listening



writing



speaking



thinking



game



experiment