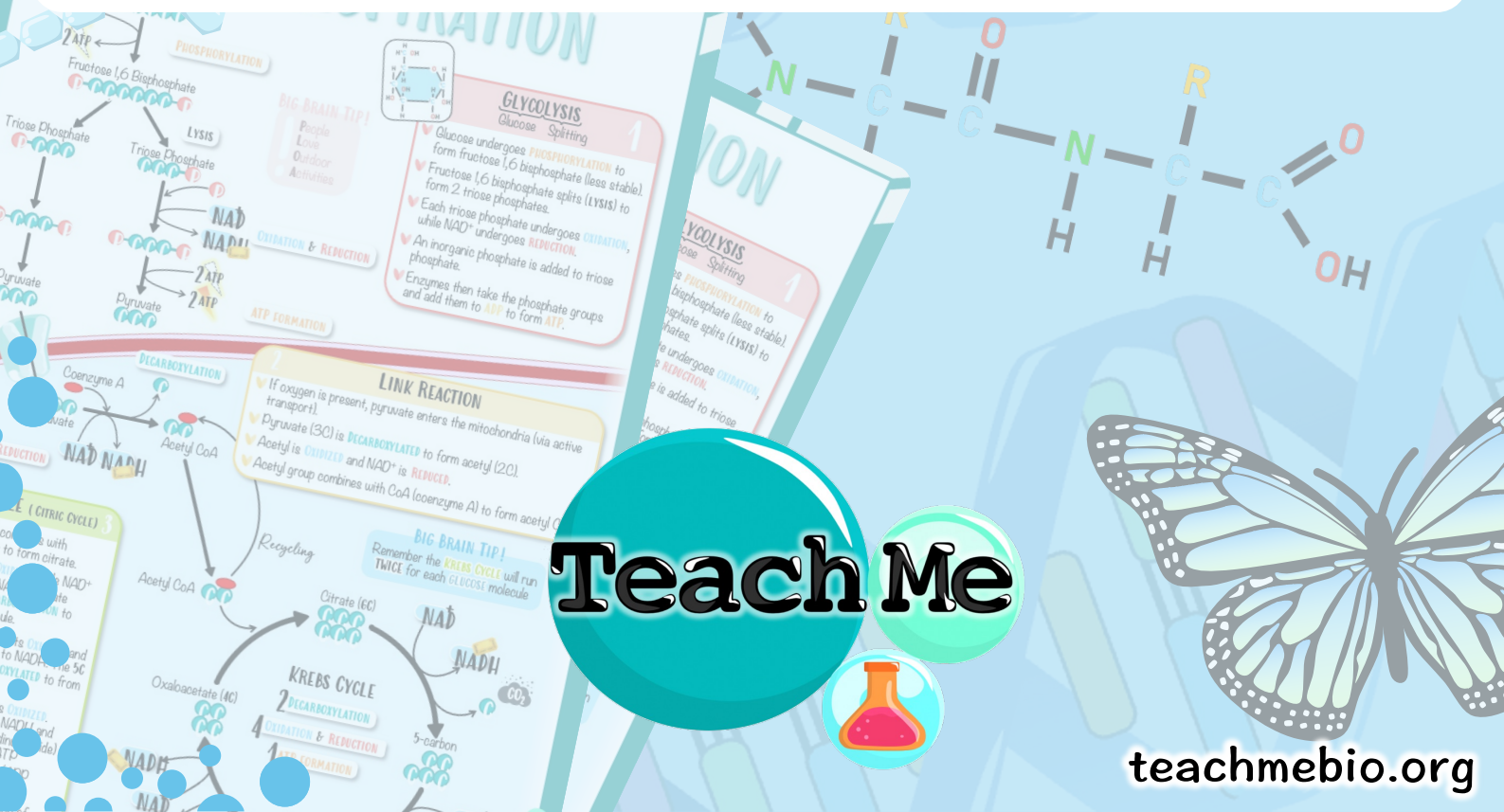


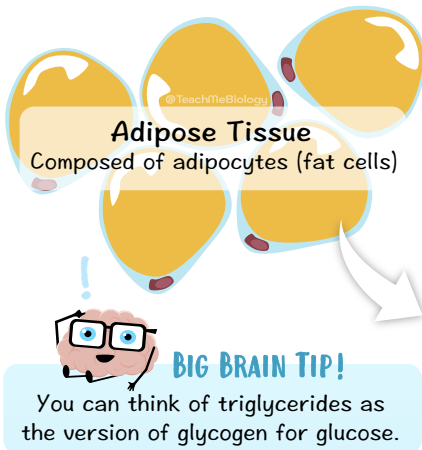
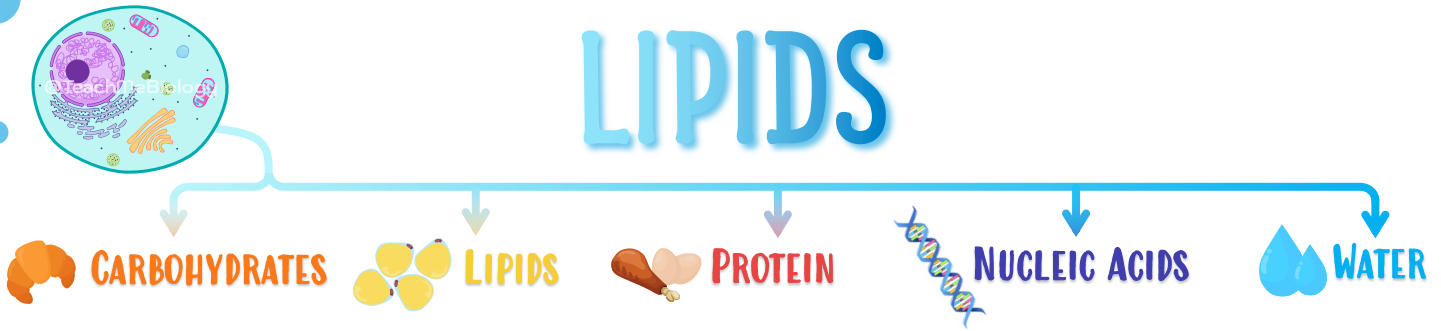
TeachMe

# STUDY NOTES

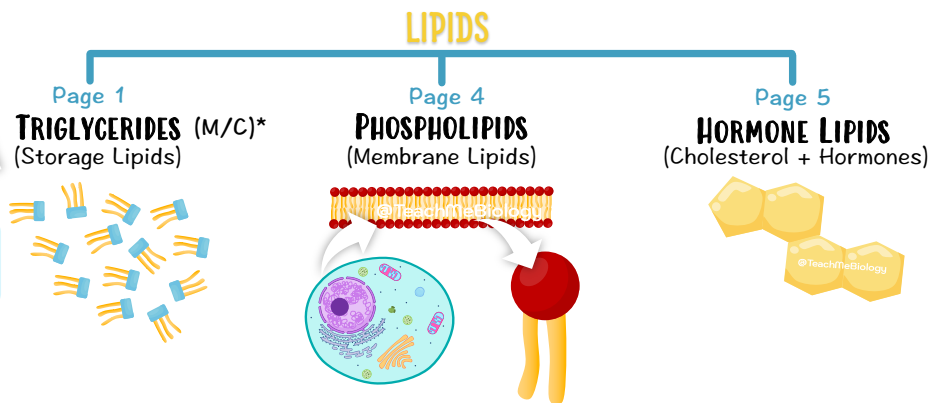
## UNIT 1 – CHEMISTRY OF LIFE 1.5 LIPIDS



# LIPIDS

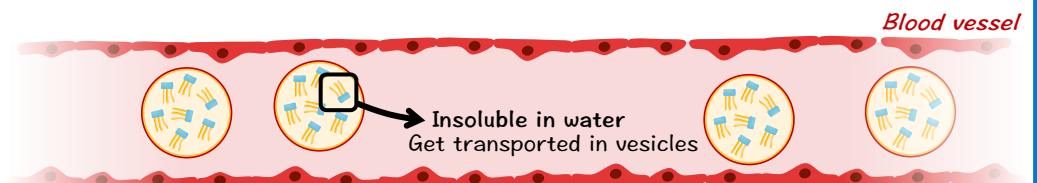
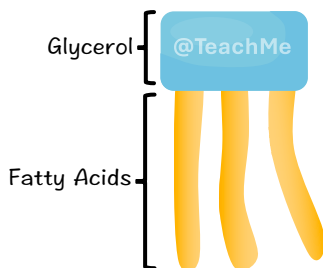


Lipids are molecules composed of carbon, hydrogen, oxygen and phosphorus. You learn about three main types of lipids, mainly focusing on **TRIGLYCERIDES** (which are the storage form of lipids) and **PHOSPHOLIPIDS** (which make up the plasma membrane).



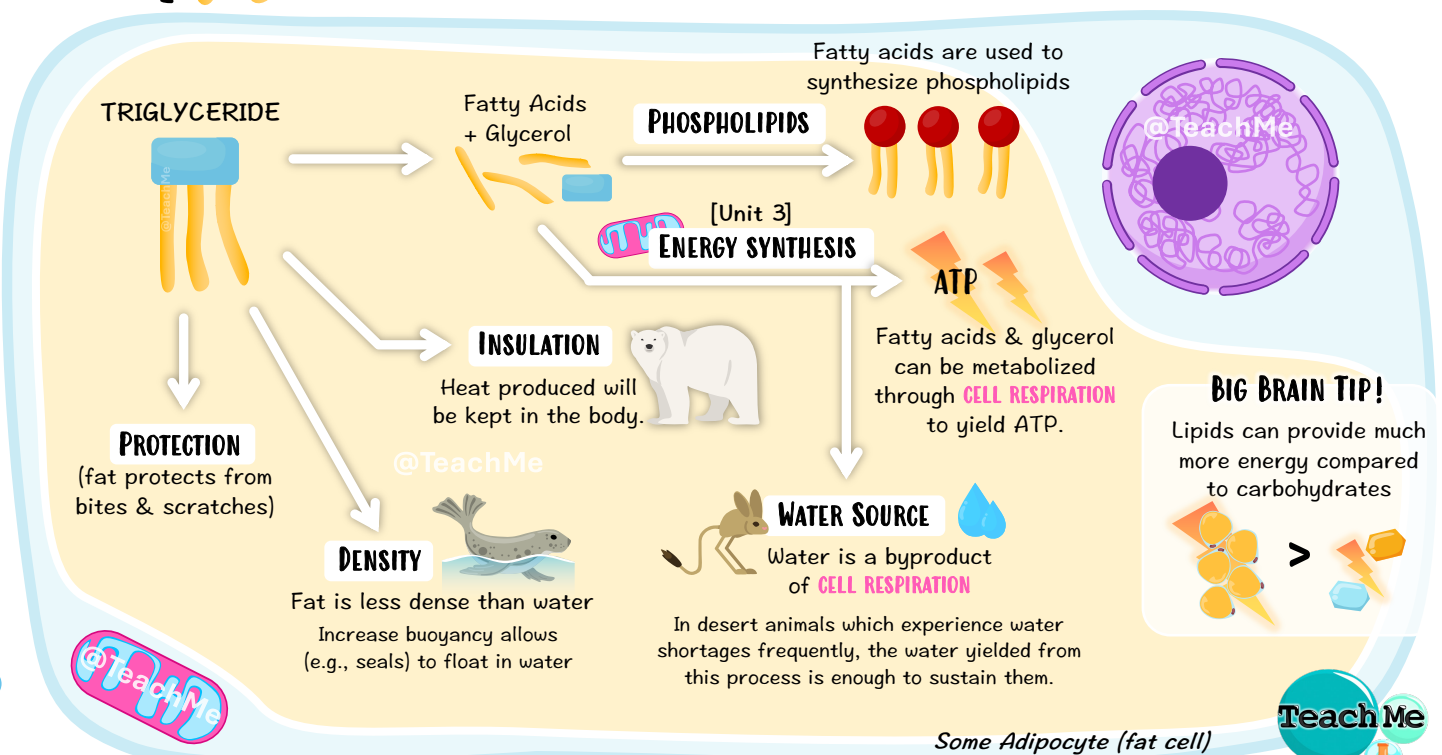
Notice how lipids are not considered when it comes to the idea of monomer and polymer: as it is not a repeat of the same monomer!

## TRIGLYCERIDES



Triglycerides are non-soluble (don't dissolve in water), they therefore need to be transported via the blood within vesicles. Triglycerides are then stored in adipocytes.

They are made up of one **GLYCEROL** and three **FATTY ACIDS** (structure on page 2) and serve **MANY PURPOSES** as seen below:



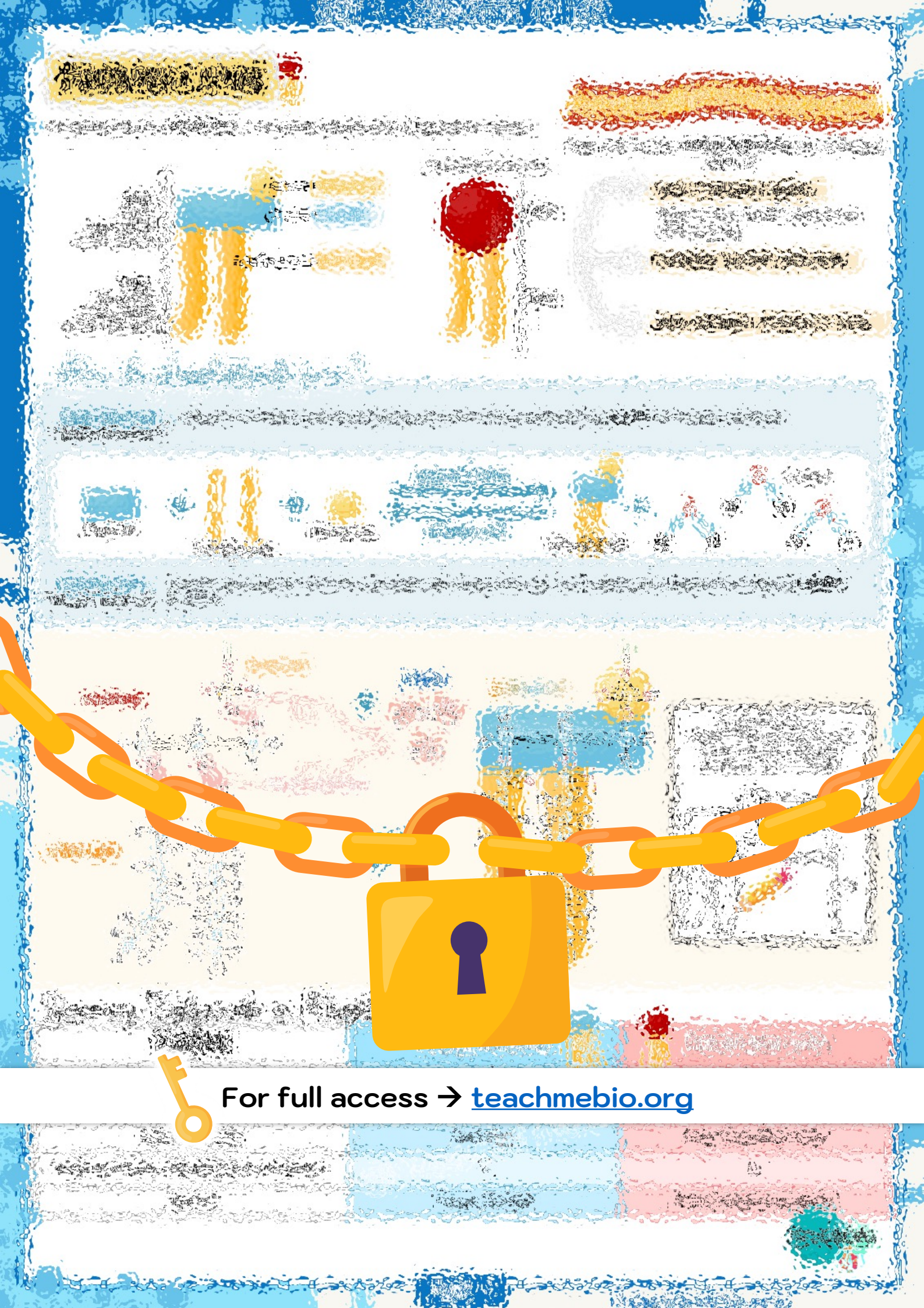
\*M/C: abbreviation for "Most Common".



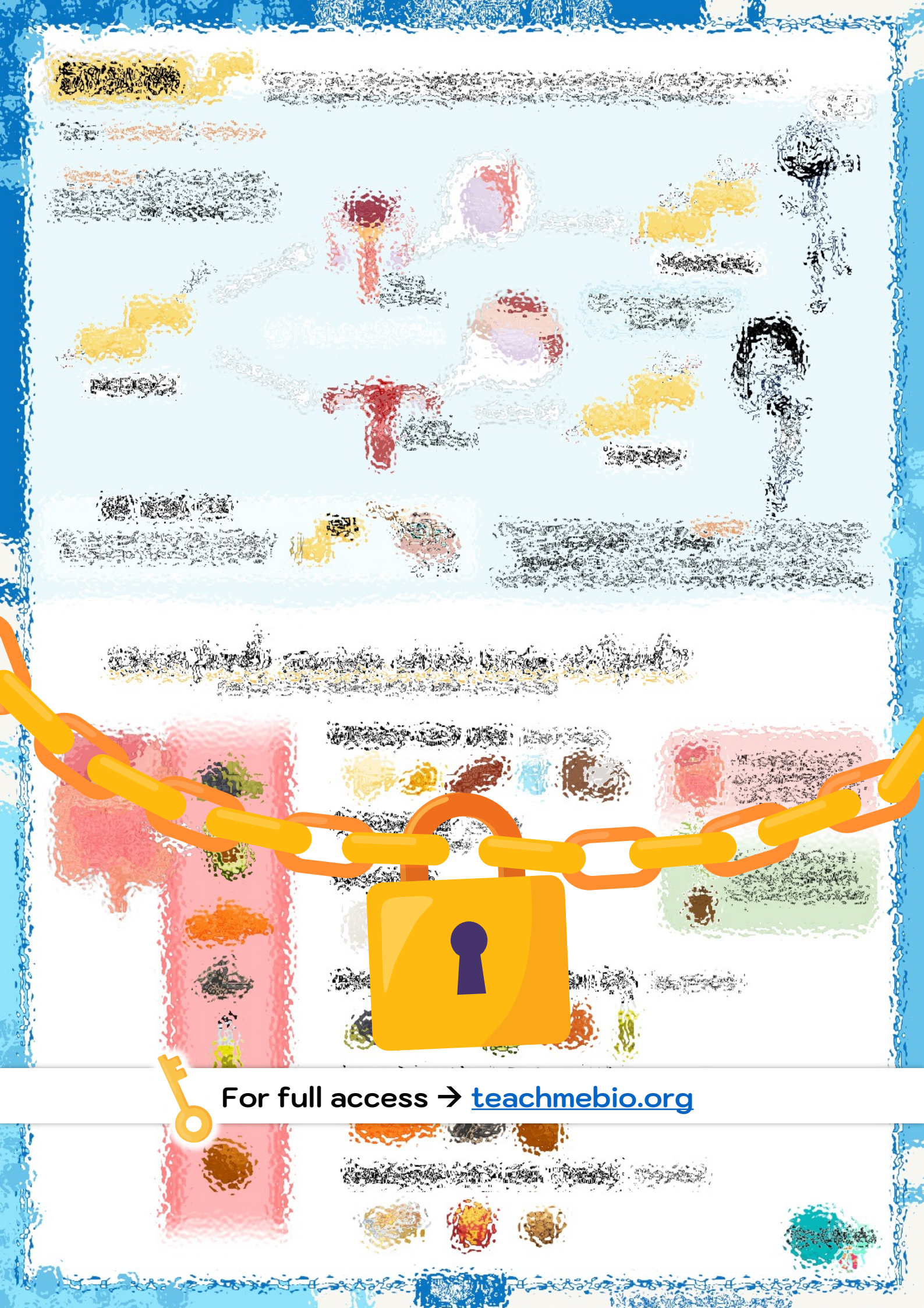
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