

Diversity in STEM Teaching

Marc-Olivier MALGRAS | Lycée Charles Jully | Saint-Avold | France

Learn through play

In science, students have the chance to discover many concepts through experience. But what can they do when this isn't possible? By using games !

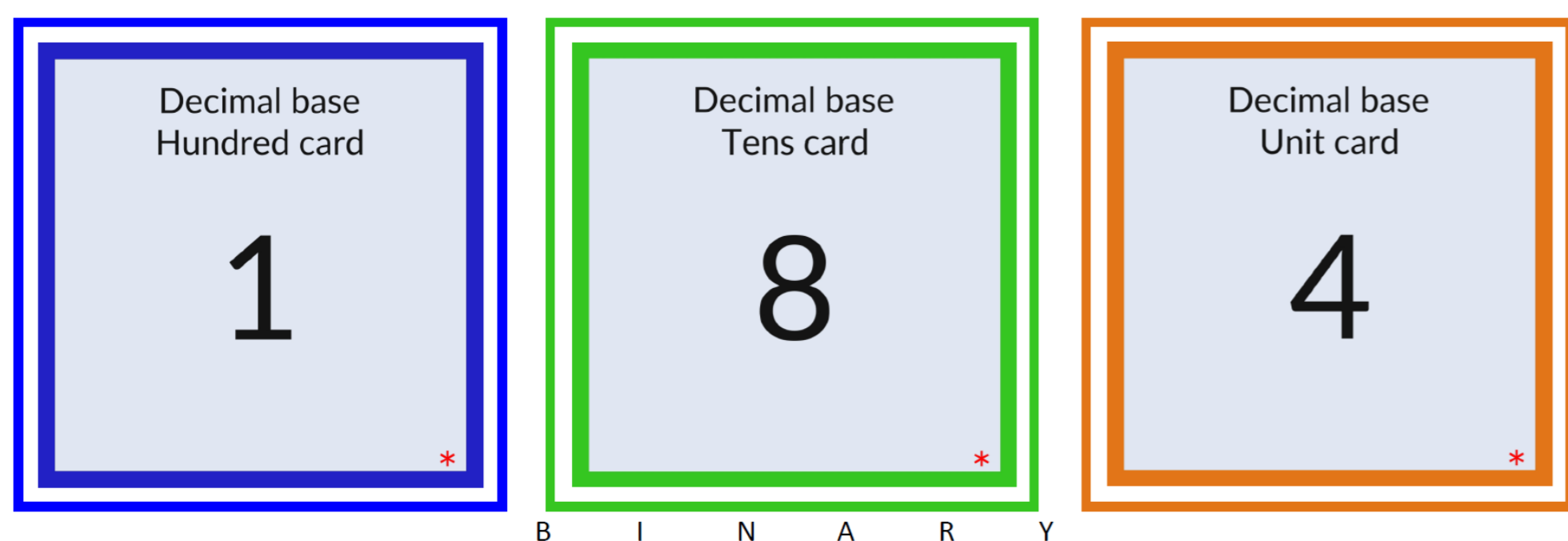
For discovery

For remediation

To remember

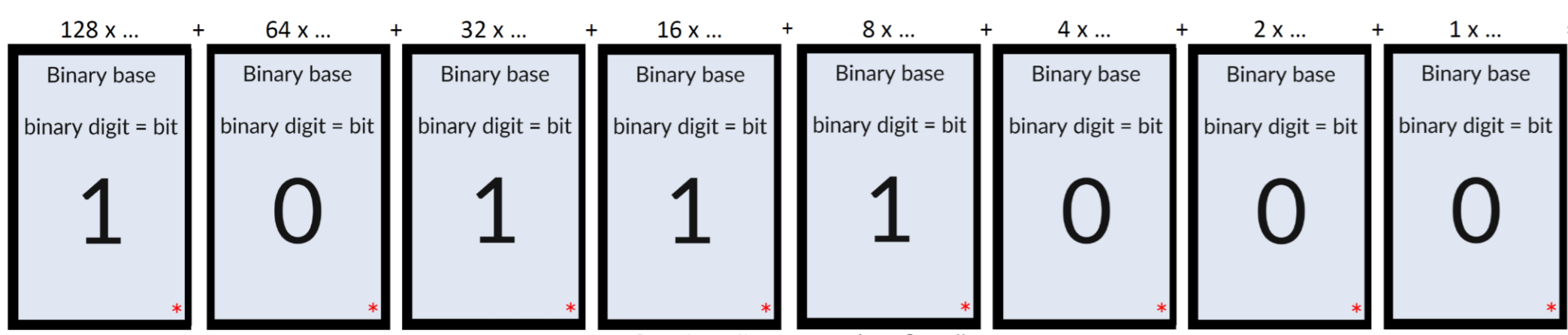
For practice

DECIMAL CODE



B I N A R Y

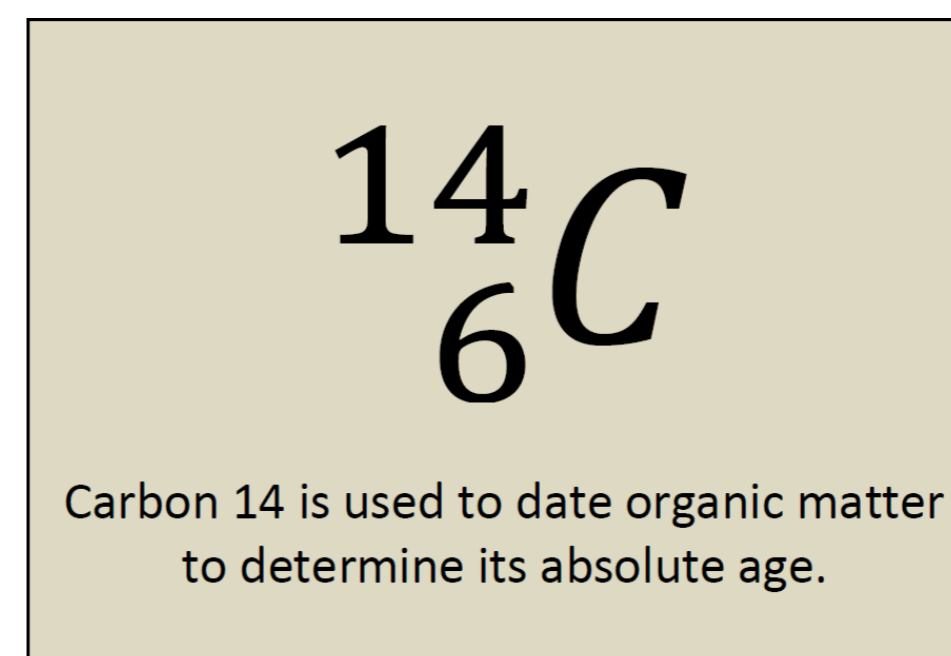
BINARY CODE



B I N A R Y

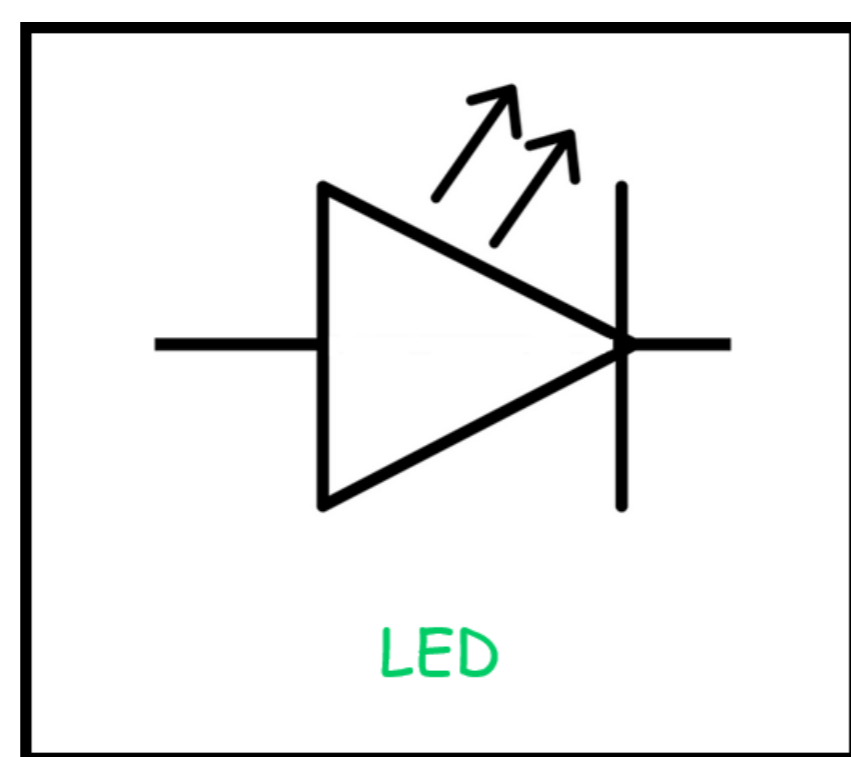
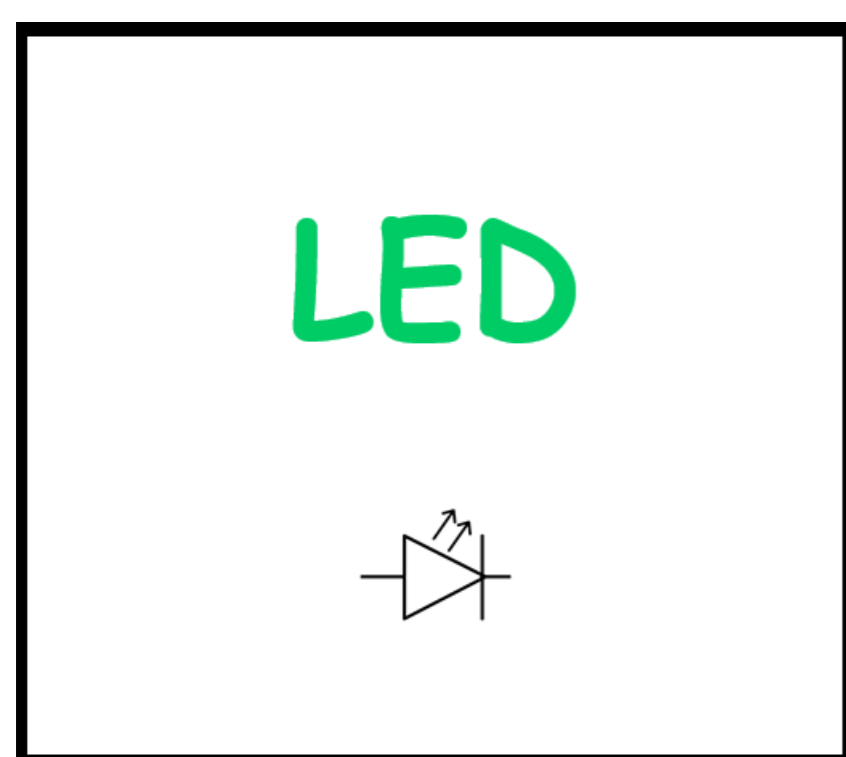
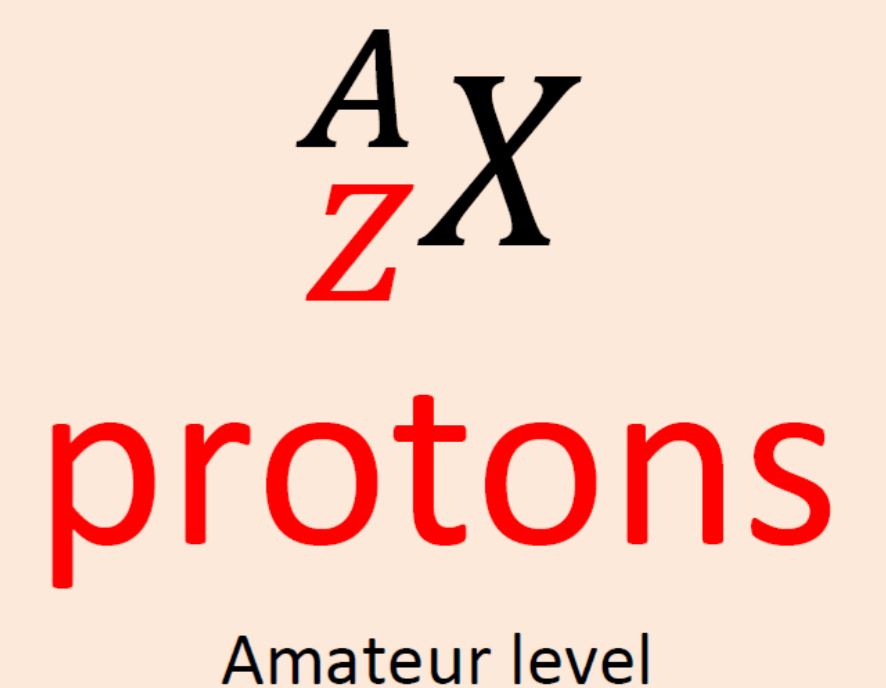
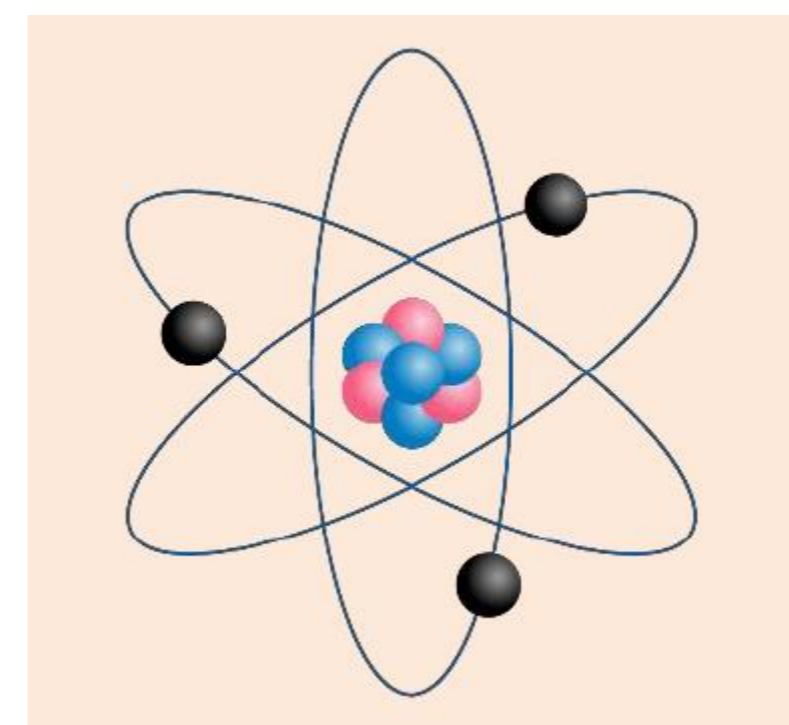
Game "Binary" : to discover conversion between binary base and decimal base

Game "The six that takes" : to be able to determine the composition of an atom



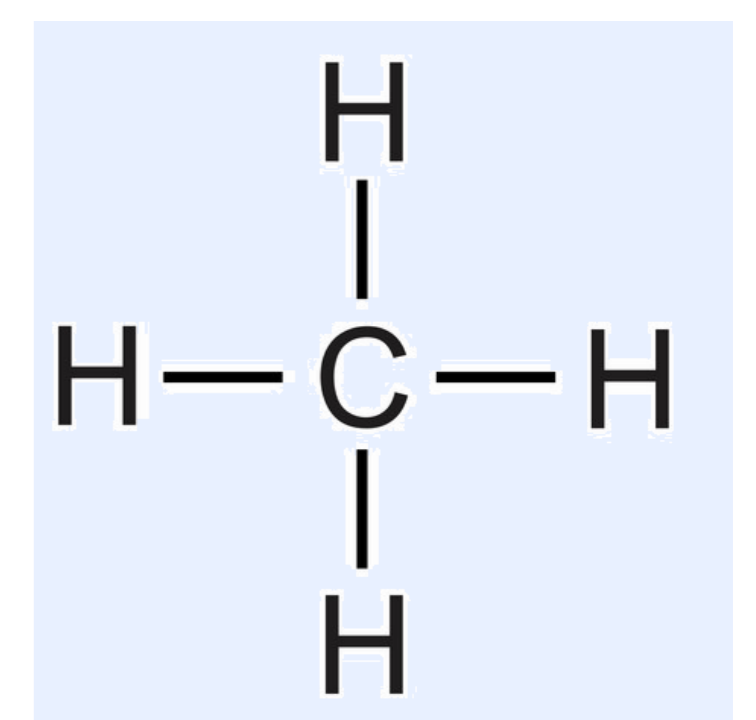
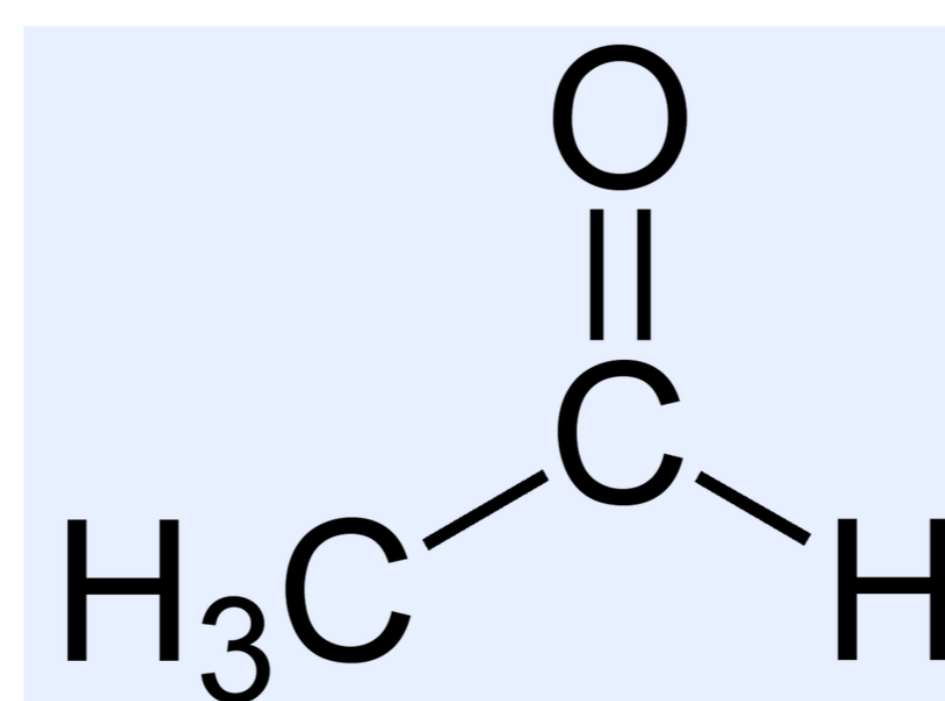
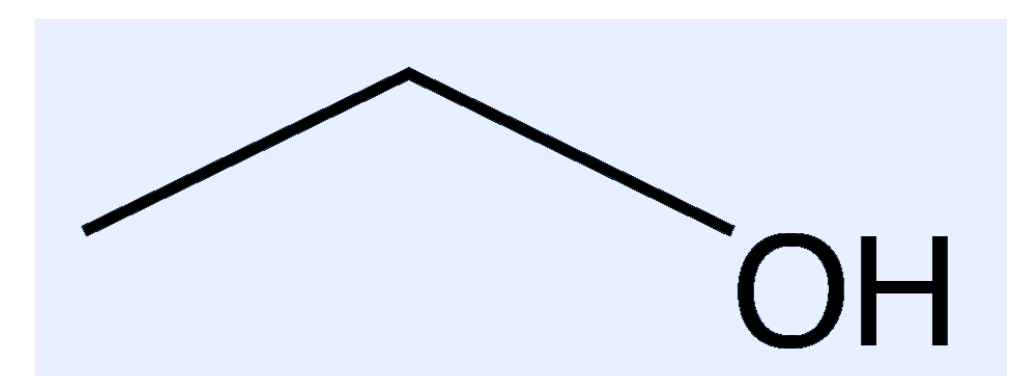
Single-use card

The particle card you choose could no longer be used during this game.



Game "Memory" : to remember or discover electrical symbols

Game "Who is it ?" : to practise representing molecules



Learn through play means learning in a different way, by creating positive memories and with a smile !