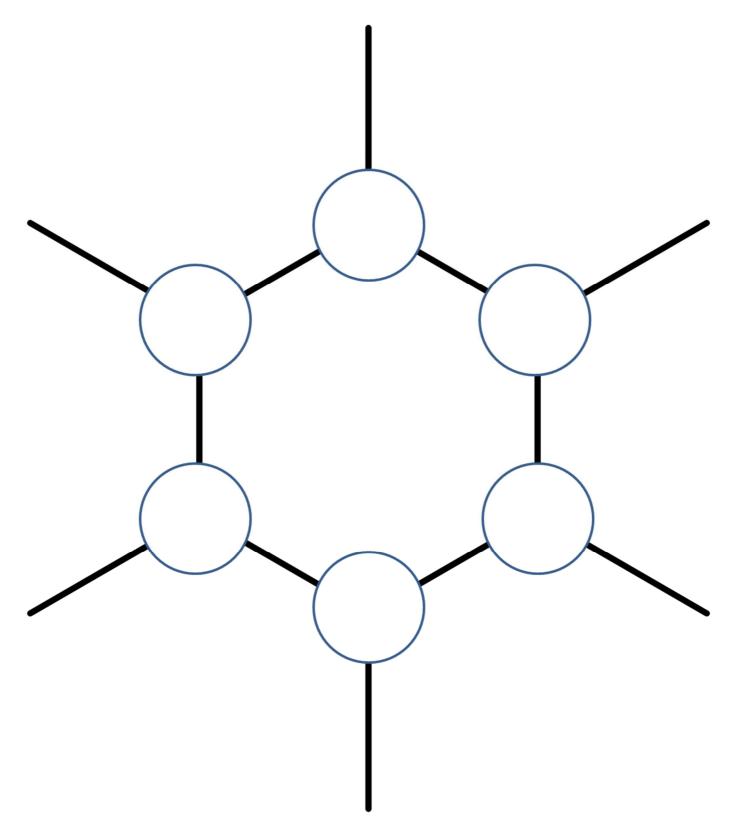
SUPPORTING INFORMATION

CONTENT

- 1. TEMPLATE TO BUILD THE HEXAGONAL STRUCTURE OF GRAPHITE
- 2. TEMPLATE OF THE SUPPORT TO BUILD THE TETRAHEDRAL ARRANGEMENT OF DIAMOND STRUCTURE
- 3. STUDENTS CONSTRUCTIONS OF GRAPHITE AND DIAMOND STRUCTURES
- 4. EQUIPMENT FOR CONDUCTIVITY
- 5. PREPARATION OF THE COLUMN AND ADSORPTION EXPERIMENT
- 6. ALTERNATIVE EQUIPMENT AND ILLUSTRATION FOR EXPLAINING ADSORPTION
- 7. POSTER OF COAL ACTIVITY

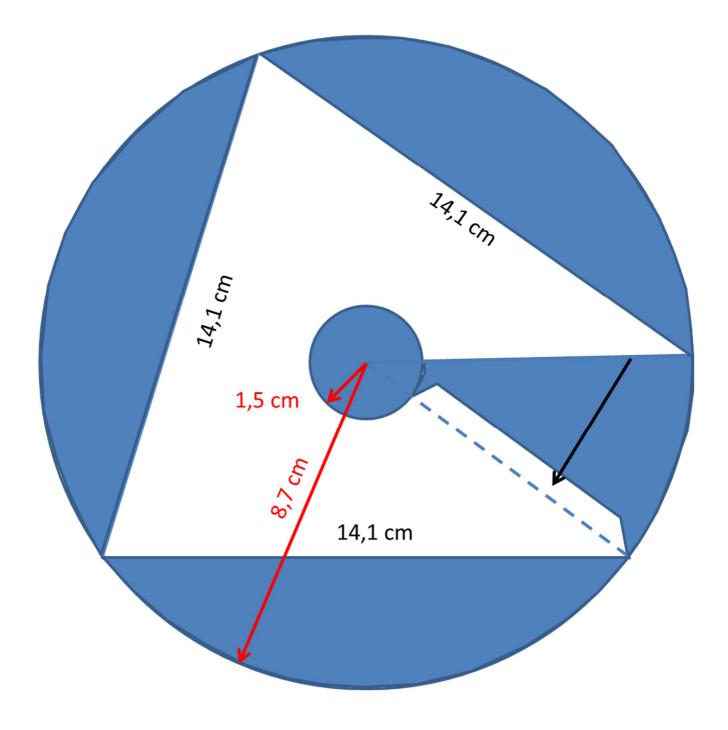
TEMPLATE TO BUILD THE HEXAGONAL STRUCTURE OF GRAPHITE

Use this template to assemble polystyrene balls with toothpicks.



TEMPLATE OF THE SUPPORT TO BUILD THE TETRAHEDRAL ARRANGEMENT OF DIAMOND STRUCTURE

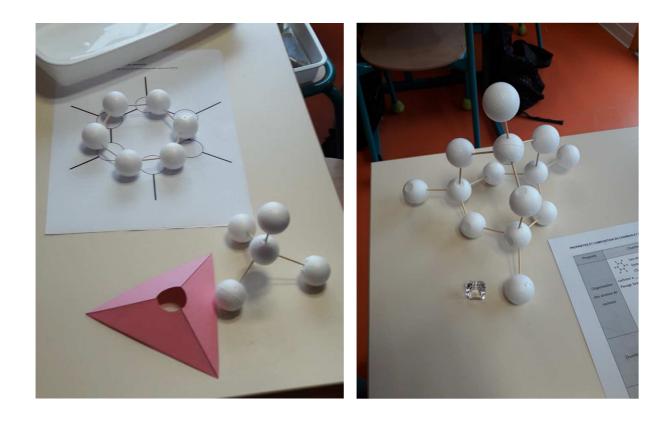
The size of the support is designed for 3 cm polystyrene balls and allows respecting the angle of 109°28' between each bond.

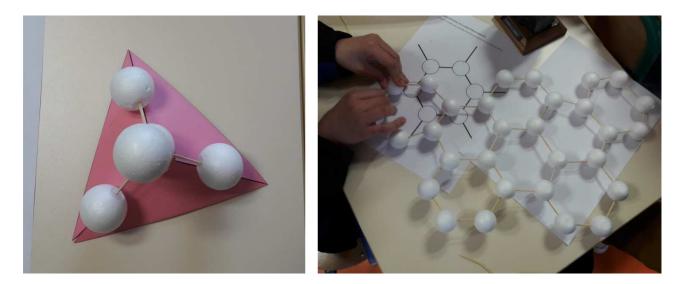


APEduC Revista/ APEduC Journal (2021), 02(01),46-59

Supporting information file 2

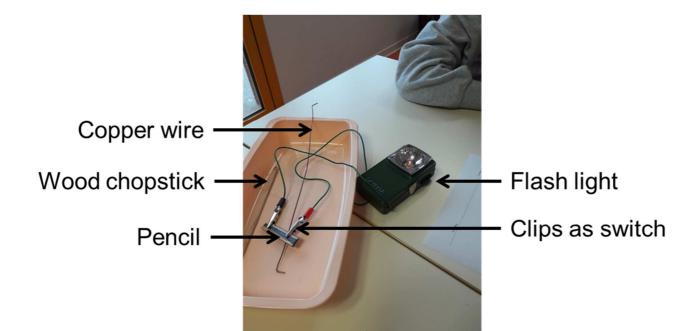
STUDENTS' CONSTRUCTIONS OF GRAPHITE AND DIAMOND STRUCTURES

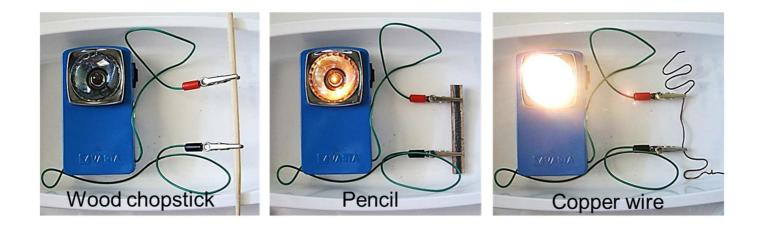




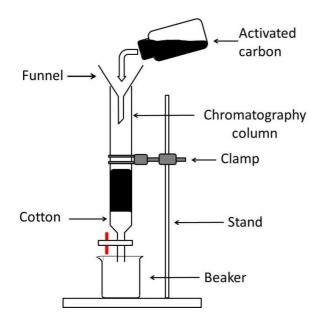
Supporting information file 2

EQUIPMENT FOR CONDUCTIVITY





PREPARATION OF THE COLUMN AND ADSORPTION EXPERIMENT



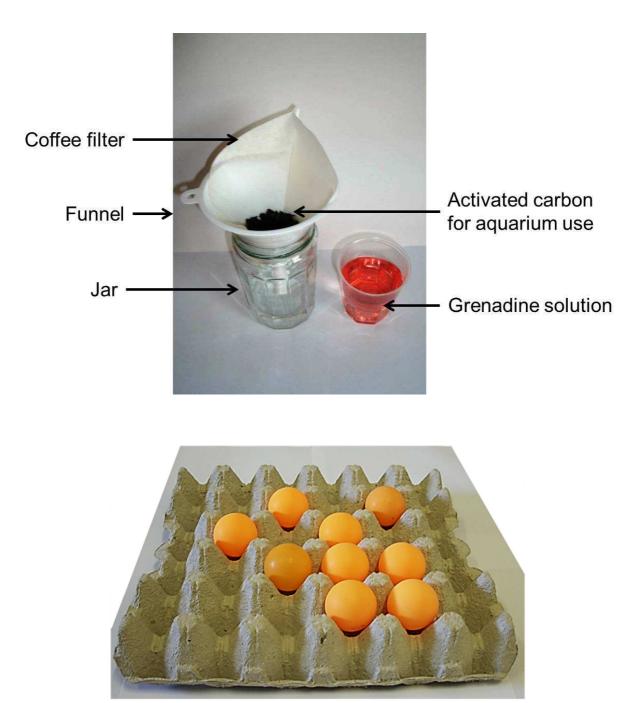




Adsorption experiment using a grenadine solution or a blue food coloring

Supporting information file 2

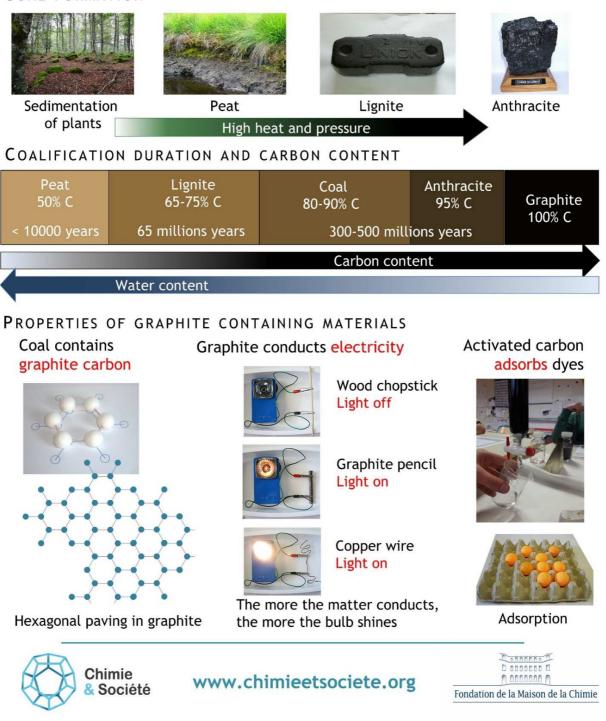
ALTERNATIVE EQUIPMENT AND ILLUSTRATION FOR EXPLAINING ADSORPTION



Egg box and ping-pong balls

I LIGHT A BULB - I DISCOLOR GRENADINE 💮

COAL FORMATION



APEduC Revista/ APEduC Journal (2021), 02(01),46-59

Supporting information file 2

Chimie & Société