

Drawing a bone section

Documento extraído de biogeoclaret.es
Realizado por Elvira San Juan

Objective: Draw a bone and identify the name of its external & internal parts in English.



4 groups of 5 students

Material:

Calf bones

Lab gloves

Surgical knife

Plastic tray

DinA 3

Pens and markers

English Dictionary

Calification criteria (0-10 points):

Presentation/appearance: 2 points

Amount of concepts: 2 points

Right concepts: 3 points

Use of English: 1 point

Team Work: 2 points



Looking at the bones
Dissecting
Searching for info

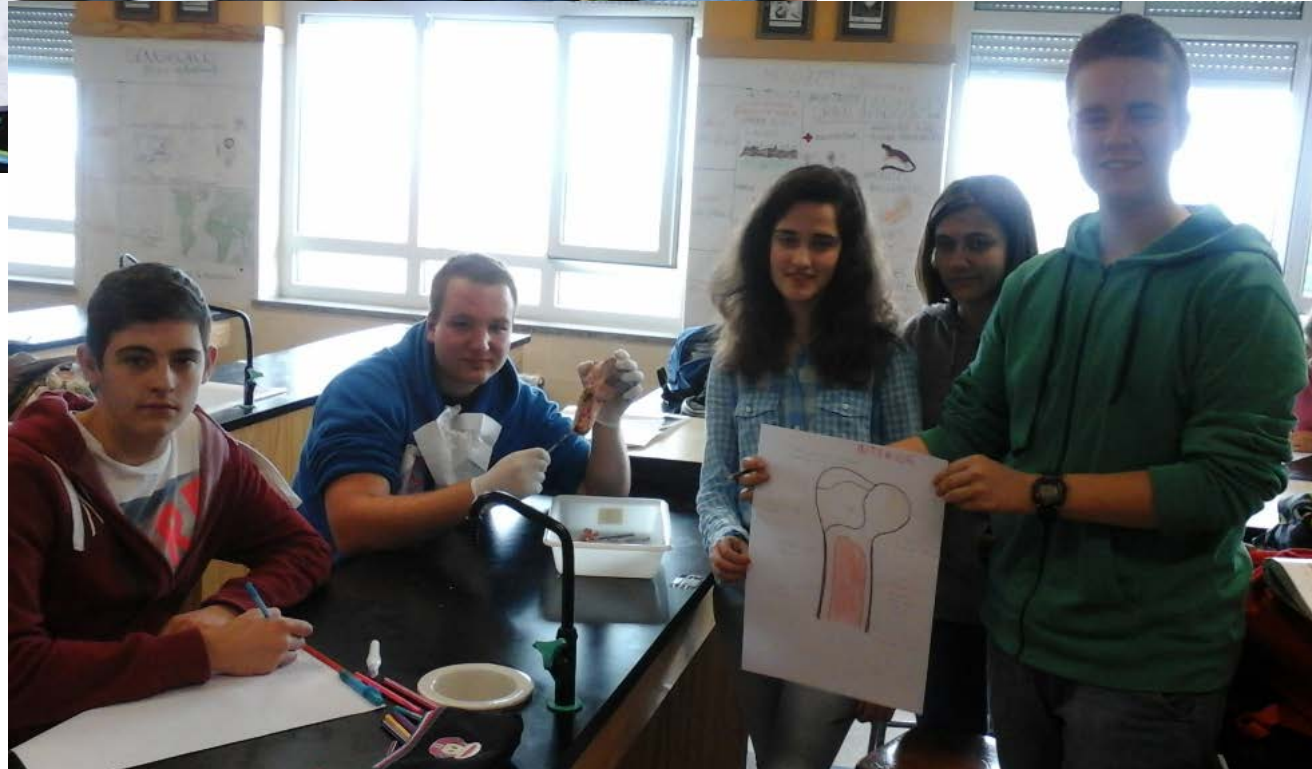


Starting to draw

Looking for English
words

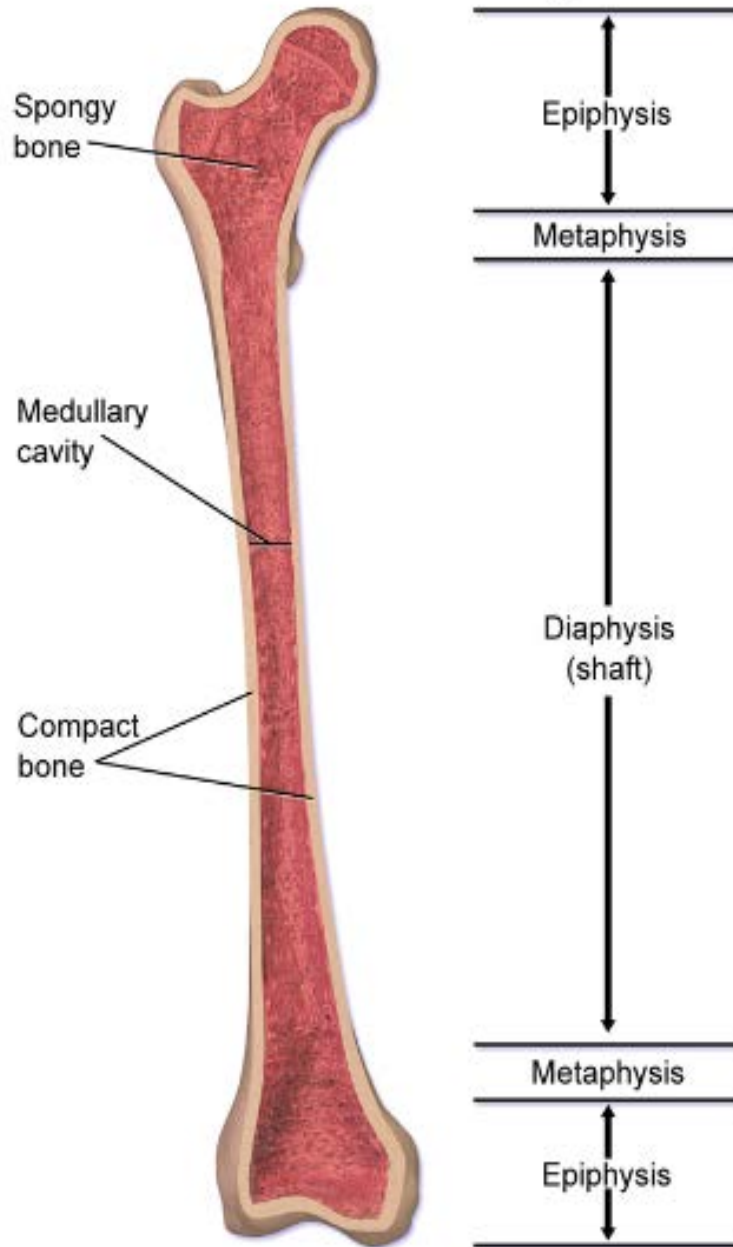


Organising the team

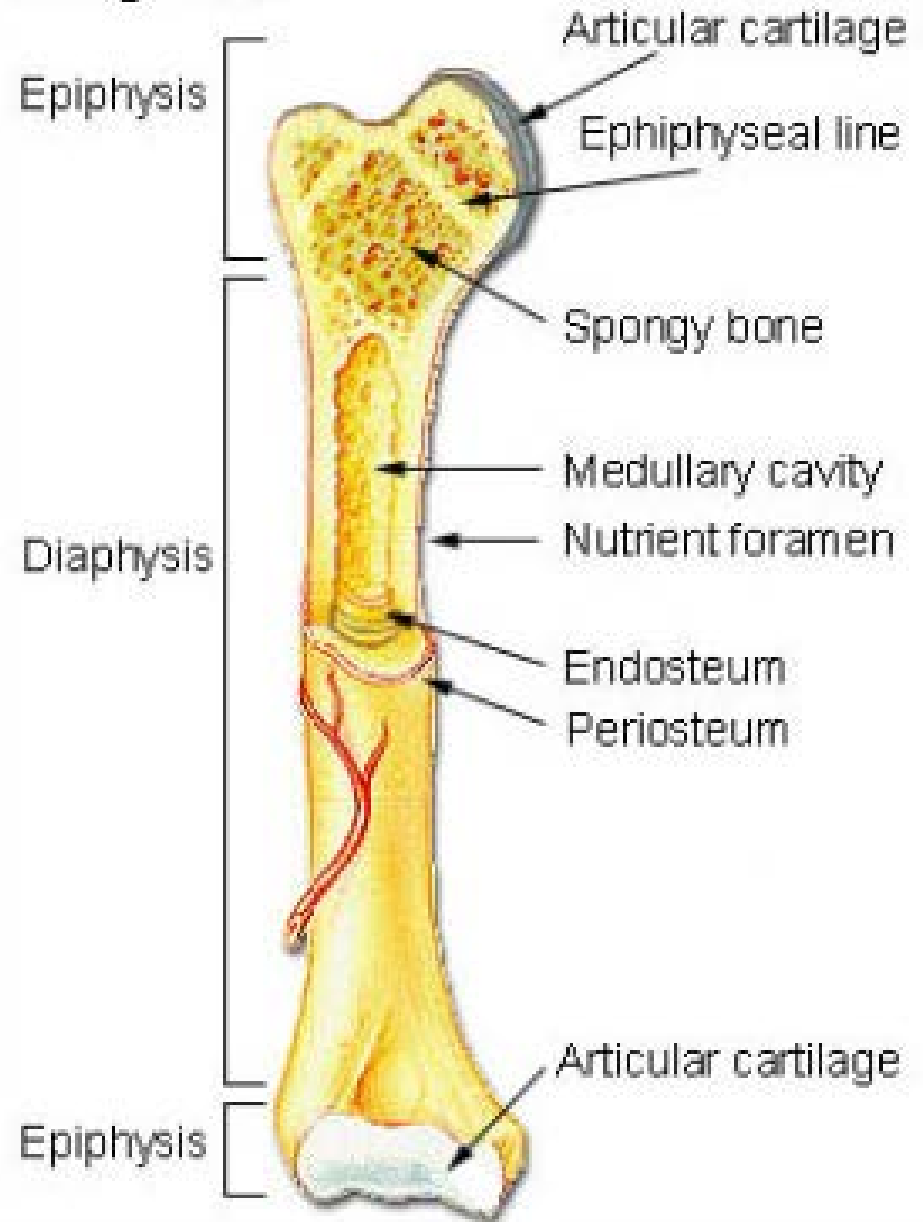


TIME IS
UP!!

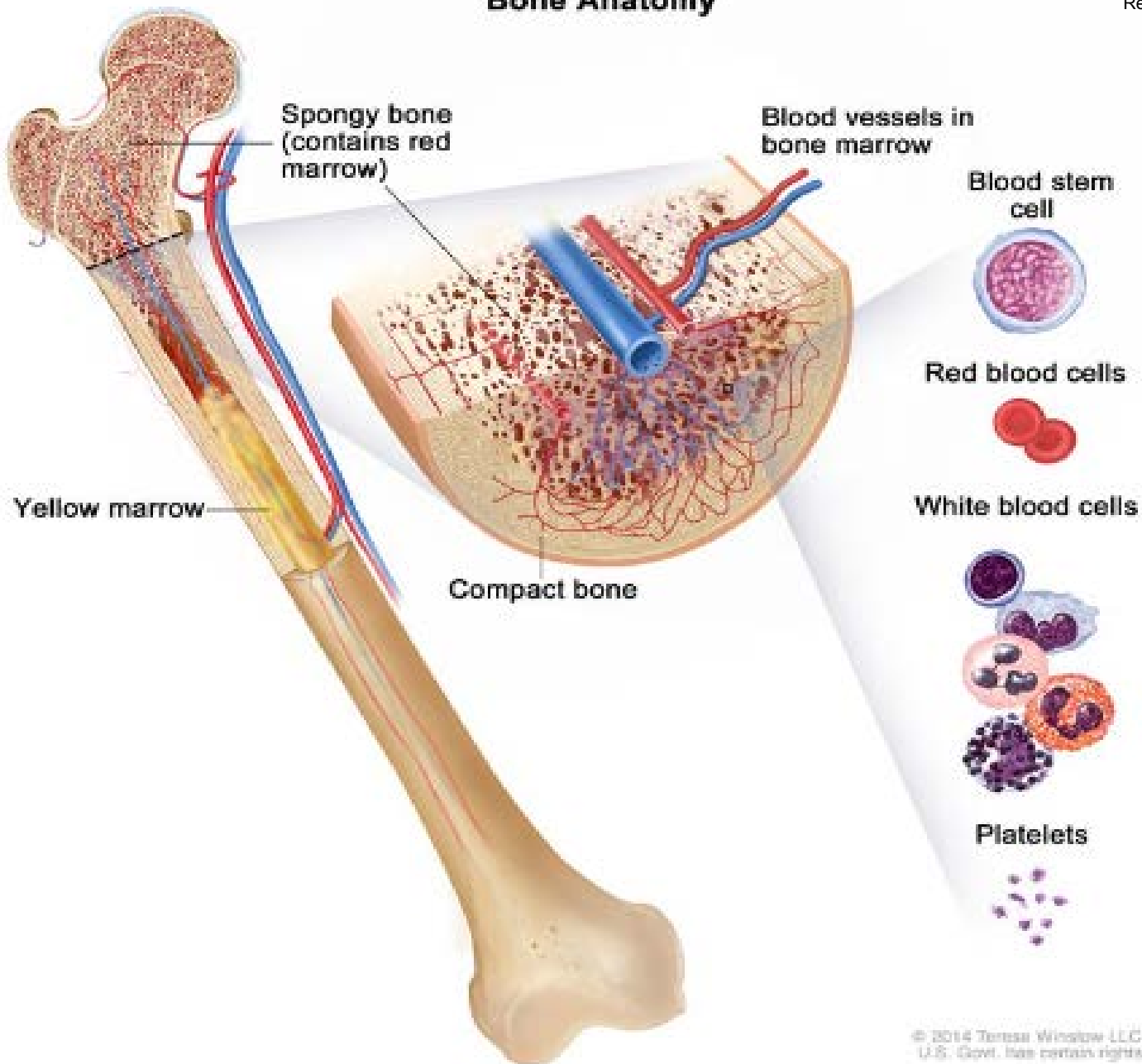
Structure of a Long Bone



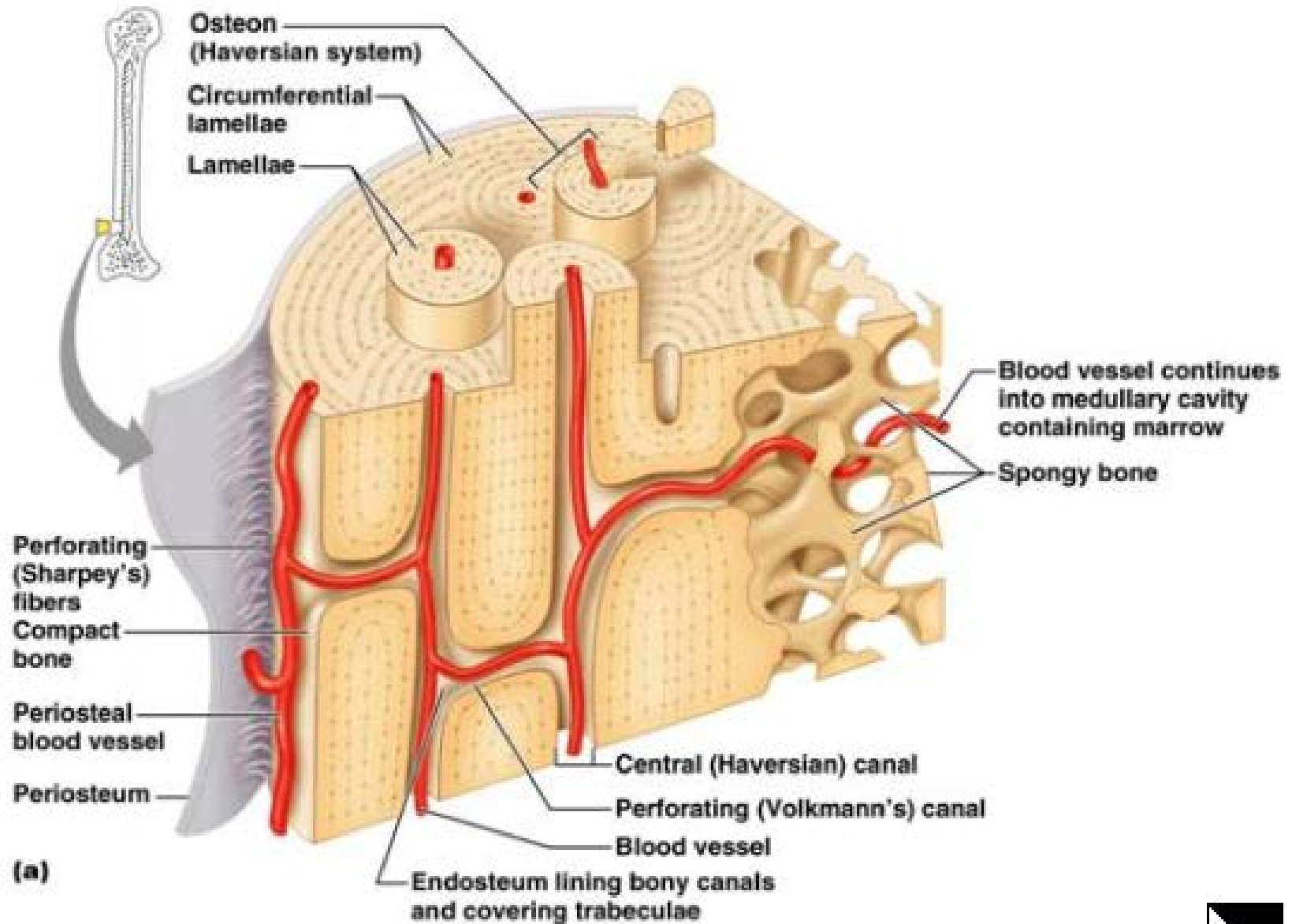
Long Bone



Bone Anatomy



OSTEON / HAVERSIAN SYSTEM



ENGLISH VOCABULARY

BONES

LONG BONES /SHORT BONES

HEAD OF LONG BONES

INTERNAL / EXTERNAL

EPIPHYSIS

DIAPHYSIS (SHAFT)

PERIOSTEUM

ENDOSTEUM

COMPACT BONE / SPONGY BONE

MEDULLARY CAVITY /MEDULLA / MARROW / RED AND YELLOW MARROW

ARTICULAR CARTILAGE

COLLAGEN

ADIPOSE TISSUE

MUSCLE TISSUE

SYNOVIAL MEMBRANE

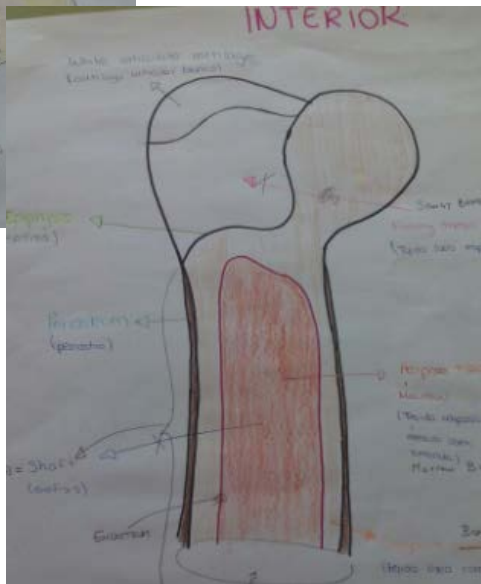
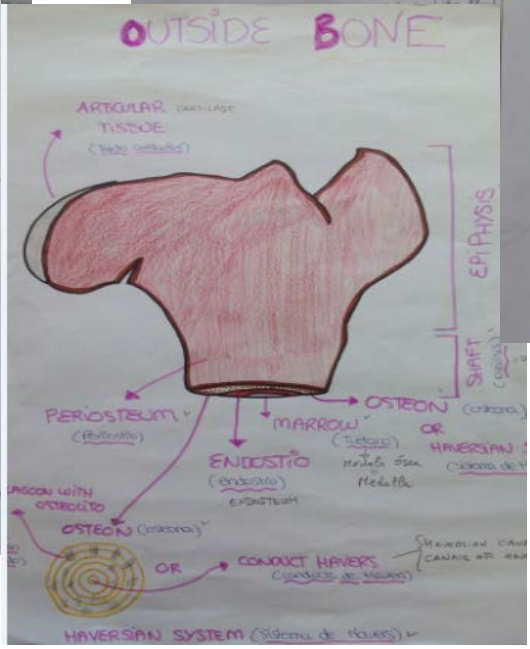
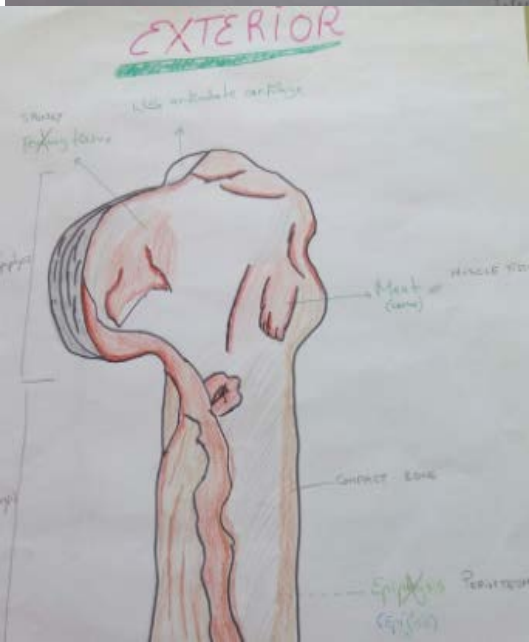
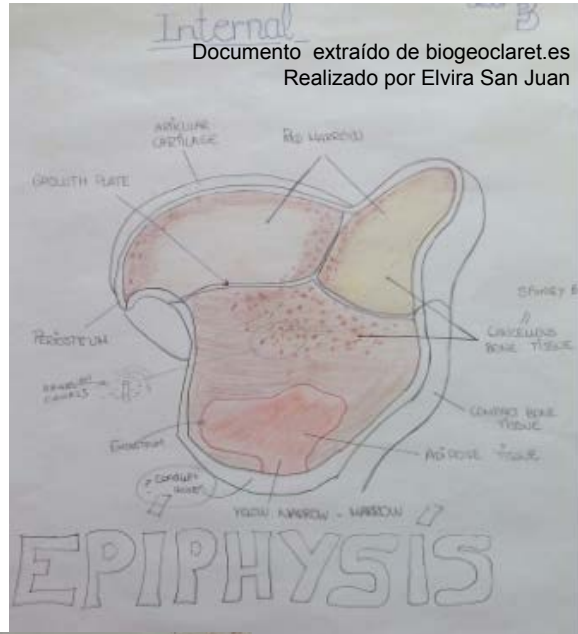
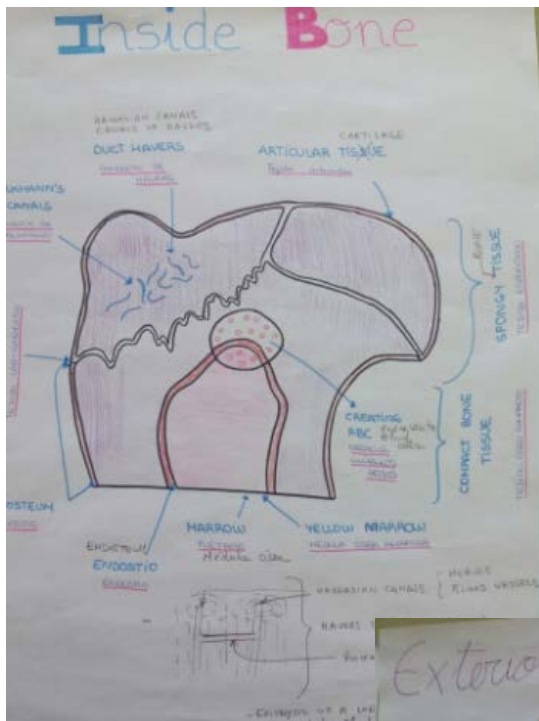
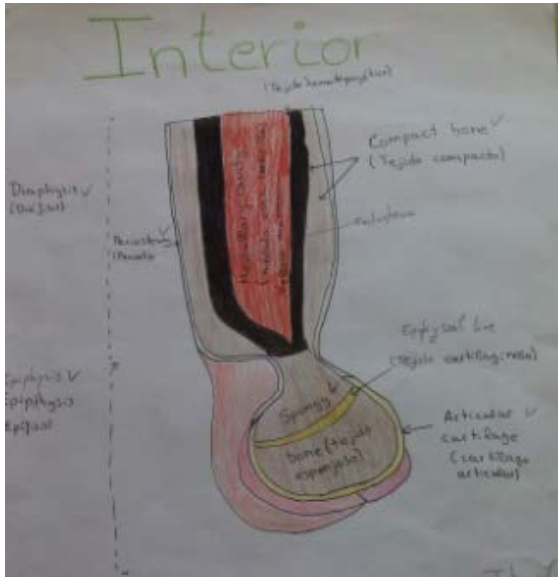
NERVES AND BLOOD VESSELS

RED AND WHITE BLOOD CELLS / STEM CELLS

OSTEON/HAVERS SYSTEM / HAVERSIAN CANALS / VOLKMANN'S CANAL

The Productions (1)

Documento extraído de biogeoclare.es
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Giving results:



The results:



Calificaciones - Dibujos Humanos/Inglés

24.04.15

Grupo	Nombre	Presentación	Nº Conceptos	Conceptos Correctos	Inglés	Trabajo en equipo	Total
Grupo 1	Sandra Ibañez	2	17	28	1	2	95
	Alberto Cabrera						
	Ruben Martín						
	Elena Segovia						
	Marta Alonso						
Marta Luengo							
Grupo 2	Nigel Mscichowski	2	17	28	0.8	1.8	91.8
	Alvaro Hernandez						
	Daniel Velasco						
	Carmen Saut						
	Olave Lopez						
Grupo 3	Ángel	2	2	3	1	2	10.1
	Juan Pablo						
	Carlos						
	Bautista						
Grupo 4	Blanca Grande	2	2	3	1	2	10
	Andrea González						
	Mar Tapia						
	Begoña de Andra						
	Alivia Gómez						



WELL DONE!!