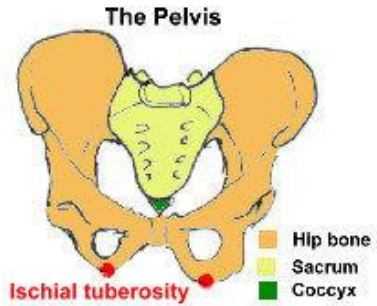


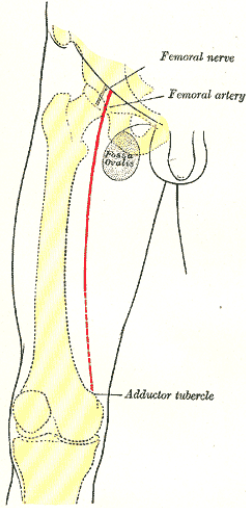

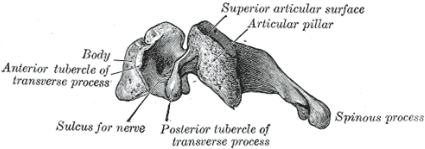


Bone Markings

To start understanding the bones of our body, we need to know where they are and how they are being used. How they are used is usually a function of their particular features. Holes allow tendons or nerves to pass through. Outward growths allow muscles to attach and create a lever for locomotion or manipulation. When you understand a bone's features and markings, you will know how the body uses it. So, let's take a quick look at the possible bone markings we'll find throughout the body.


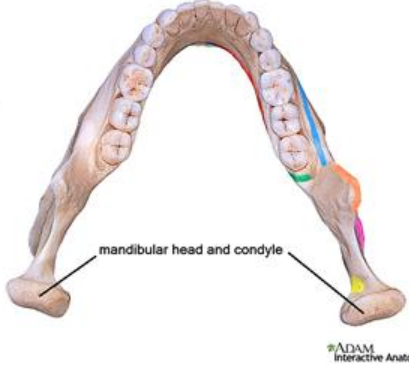
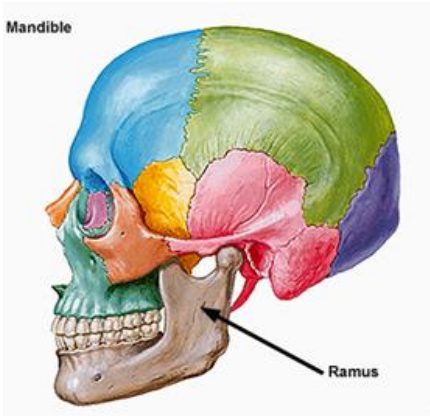
Projections for muscle and ligament attachment

name	description	example	
tuberosity	large rounded projection	ischial tuberosity	 <p>The Pelvis</p> <p>Ischial tuberosity</p> <p>Legend: ■ Hip bone ■ Sacrum ■ Coccyx</p>
crest	narrow ridge; usually prominent	iliac crest	
trochanter	large, blunt, irregular-shaped process	only found on femur	 <p>Greater Trochanter</p> <p>© www.sports-injury-info.com</p>
line	narrow ridge; less than a ridge	femur intertrochanteric line	

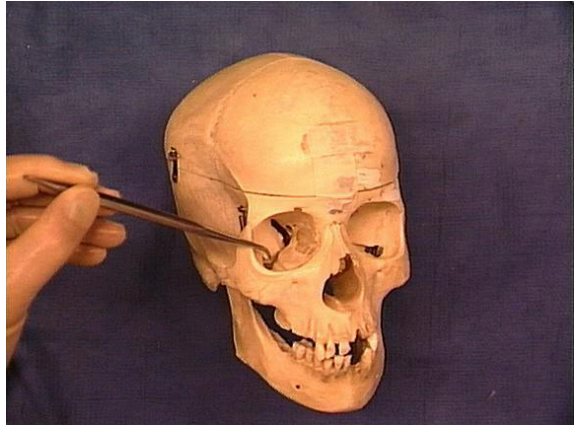
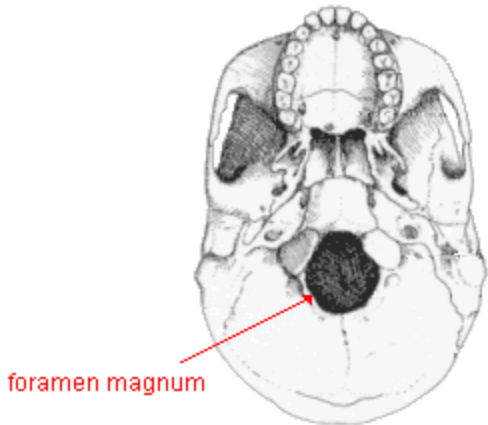
tubercle	small rounded projection/process	femur's adductor tubercle	 <p>Diagram illustrating the femur's adductor tubercle. Labels include: Femoral nerve, Femoral artery, Adductor tubercle, and Psoas major.</p>
epicondyle	raised area in/above condyle	femur medial epicondyle	<p>Ant/Lat. view distal humerus</p>  <p>Labels: Lateral epicondyle, Capitulum, Trochlea, Medial epicondyle.</p>
spine	sharp, slender, pointed	vertebrae spinous process	 <p>Labels: Superior articular surface, Articular pillar, Body, Anterior tubercle of transverse process, Sulcus for nerve, Posterior tubercle of transverse process, Spinous process.</p>
process	any bony prominence	vertebral spinous process	

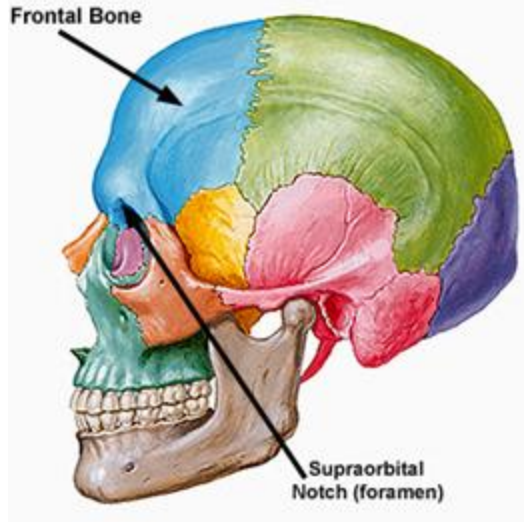
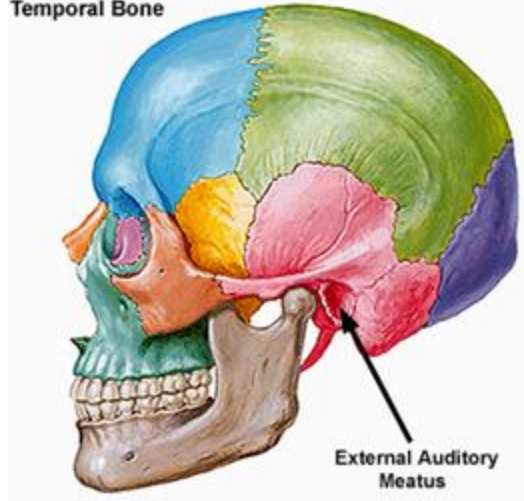
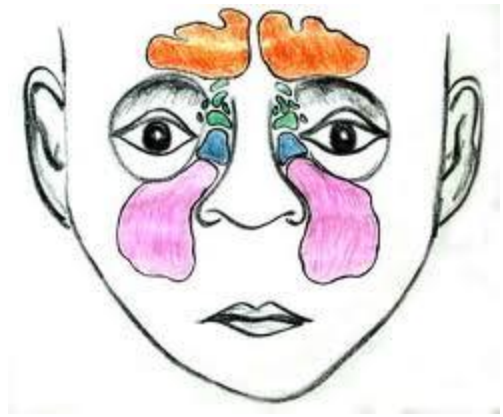
Projections for joints

name	description	example	picture
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head	bony expansion on narrow neck	rib head	
facet	smooth, nearly flat articular surface	rib facet	
condyle	rounded articular projection	mandible condyle	
ramus	armlike bar of bone	mandible ramus	

depressions & openings

name	description	example	picture
groove	furrow	mandible inside groove	
fissure	narrow, slitlike opening	inferior orbital fissure	
foramen	round/oval opening	foramen magnum	 <p>foramen magnum</p>

notch	indentation at edge of structure	supraorbital notch	 <p>Frontal Bone</p> <p>Supraorbital Notch (foramen)</p>
meatus	canal passageway	inside skull near temple indent	 <p>Temporal Bone</p> <p>External Auditory Meatus</p>
sinus	cavity filled with air lined with mucosae	4 pairs around nose	
fossa	shallow, basin depression,		

	articular surface		
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