

Muscular System

6 page study note

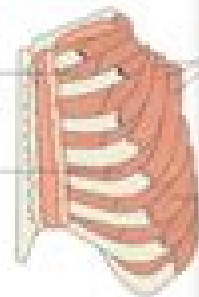
Axial Muscles

MUSCLES OF THE THORAX

Internal intercostals
 - the deep, posterior to external intercostals
 - fibres run posteriorly & inferiorly
 - inspiration

External intercostals

- most superficial intercostal muscle
 - fibres run anteriorly & inferiorly
 - inferiorly inferior ribs
 - add inspiration



MUSCLES OF THE ABDOMEN

External oblique

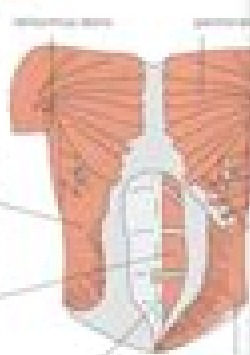
- most superficial of anterolateral abdominal wall
 - fibres run anteriorly & inferiorly
 - lateral flexion

Internal oblique

- fibres run posteriorly & inferiorly
 - lateral flexion
 - compresses abdominal wall used in forced expiration

Transverse abdominis

- fibres run horizontally
 - lateral flexion
 - compresses abdominal wall used in forced expiration



Axial Muscles

Neck & Head Muscles

Longus capitis
 - arises from hyoid bone & 6th-7th cervical vertebrae
 - flexion & extension

Longus colli

- arises from 6th-7th cervical vertebrae & 1st-4th thoracic vertebrae
 - flexion & extension

Longus cervicis

- arises from 1st-4th cervical vertebrae & 6th-7th thoracic vertebrae
 - flexion & extension

Longus thoracis

- arises from 1st-4th thoracic vertebrae & 6th-7th cervical vertebrae
 - flexion & extension

Facial & Neck Muscles

Masseter
 - arises from zygomatic bone & 1st-4th molar teeth
 - mastication

Temporalis

- arises from temporal bone & 1st-4th molar teeth
 - mastication

Orbicularis oris

- arises from upper lip & 1st-4th molar teeth
 - closure of mouth

Orbicularis oculi

- arises from upper eye lid & 1st-4th molar teeth
 - closure of eye

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Neck & Back Muscles

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Lower Limb Muscles

Quick note:

In correct anatomical terms, "leg" only refers to the region of the lower limb below the knee, while "thigh" refers to the region from the knee to the hip.

POSTERIOR THIGH & LEG MUSCLES

Gluteus maximus
 - extends thigh
 - abducts thigh

Gluteus medius
 - extends thigh
 - abducts thigh

Gluteus minimus
 - extends thigh
 - abducts thigh

Sartorius
 - extends thigh
 - flexes knee

Biceps femoris
 - extends thigh
 - flexes knee

Semiotendinosus
 - extends thigh
 - flexes knee

Semimembranosus
 - extends thigh
 - flexes knee

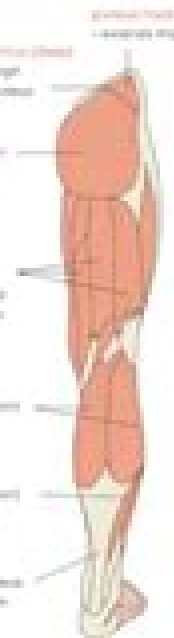
Gastrocnemius
 - extends foot
 - plantar flexion

Soleus
 - extends foot
 - plantar flexion

Peroneus tertius
 - extends foot
 - plantar flexion

Peroneus secundus
 - extends foot
 - plantar flexion

Peroneus primus
 - extends foot
 - plantar flexion



Muscular System Sixth Grade Study Guide

LL Leslie

A decorative graphic consisting of a light blue horizontal bar with a rounded right end, and a red circular shape partially visible behind it.

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State Manual of the Course of Study for the Elementary Schools Oregon. Office of Superintendent of Public Instruction, 1927

Resources in Education, 1990

House documents, 1891

Study Guide to Accompany Cartwright, Cartwright, and Ward's Educating Special Learners, Fourth Edition Glen Phillip Cartwright, Wendy L. Shapiro, Carol A. Cartwright, Marjorie E. Ward, 1995 This text provides comprehensive treatment of major special education topics giving students especially non majors a firm foundation of knowledge and skills The authors distinguish critical from peripheral material giving students a solid background in the research issues instructional methods types of learning disabilities types of physical and mental handicaps tools and treatments in the field The book features easy to read prose and informative illustrations

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Report of the Commissioner of Education USA. Bureau of Education, 1893

Teachers' Monographs, 1900

Catalog of Copyright Entries. Third Series Library of Congress. Copyright Office, 1968

Educational Resources for Microcomputers, 1986

Directory of Distance Learning Opportunities Modoc Press, Inc., 2003-02-28 This book provides an overview of current K 12 courses and programs offered in the United States as correspondence study or via such electronic delivery systems as satellite cable or the Internet The Directory includes over 6 000 courses offered by 154 institutions or distance learning consortium members Following an

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