

# Anatomy & Physiology

## Unit 1 Notes 3 KEY – Body Cavities

### Body Cavities

(see pages 9 and 10 for diagrams)

#### **Dorsal cavity**

contains:

vertebral canal	spinal cord
cranial cavity	brain

#### **Ventral cavity**

contains:

in the head:

orbital cavities	eyes
nasal cavity	nasal passages, nasal sinuses
middle ear cavities	middle ear structures
oral cavity	teeth and tongue

in the trunk:

thoracic cavity	lungs and heart (main organs)
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diaphragm

smooth muscle that seals thoracic cavity  
separates thoracic cavity from abdominopelvic cavity  
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abdominopelvic cavity

abdominal cavity (intestines, stomach, liver, spleen, etc)

pelvic cavity (urinary bladder, internal reproductive organs)