

# Cornell Guided Notes

Human Anatomy & Physiology (Human Body Systems) | 2026-09-01

Name

Period

Date

Lesson

## Lesson focus

Body planes and cavities

## Key words and questions

## Prepared details and student notes

**Essential question**  
**What is today's target?**

Identify the body planes and major cavities and the organs each contains. Big idea: Imaging and surgical navigation depend on precise knowledge of body planes and cavity boundaries.

**My notes, examples, and questions**

**Key words**  
**What vocabulary unlocks the lesson?**

- sagittal
- frontal
- transverse
- cavity
- tissue
- epithelial
- connective
- cartilage

**My notes, examples, and questions**

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## Cornell Notes - Continued

### Key words and questions

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**Must-know ideas**  
**What should I understand by the end?**

- The three anatomical planes: sagittal (left/right), frontal/coronal (front/back), and transverse (top/bottom).
- The dorsal cavity contains the cranial and spinal cavities; the ventral cavity contains the thoracic and abdominopelvic cavities.
- Radiologists and surgeons use plane and cavity language in every report to locate pathology without ambiguity.

**My notes, examples, and questions**

**Process notes**  
**What happens during class?**

- 0-8: Intro: connect planes to real imaging (CT/MRI examples)
- 8-25: Notes: three planes and dorsal/ventral cavity subdivisions
- 25-45: PLTW online task: match organs to cavities
- 45-62: Label planes-and-cavities diagram with organ examples
- 62-75: Partner check: quiz each other on plane and cavity names
- 75-80: Submit diagram; preview Wednesday tissue types

**My notes, examples, and questions**

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#### Steps and evidence What do I do and turn in?

- Read the notes on the sagittal, frontal (coronal), and transverse planes.
- Label the dorsal and ventral cavities and their subdivisions on a diagram.
- Complete the PLTW online task matching organs to their cavities.
- List which plane you would use to separate left from right, front from back, and top from bottom.
- Submit your labeled planes-and-cavities diagram.

Evidence: Notebook check - Labeled body-planes and body-cavities diagram with at least one organ placed in each major cavity.

#### My notes, examples, and questions

#### Checks for understanding How do I know I got it?

- You can name the plane that produces a given body section.
- You can place a major organ in its correct cavity.

#### My notes, examples, and questions

#### Lab or safety notes What must I handle carefully?

No special lab safety notes today. Follow normal classroom and digital-work expectations.

#### My notes, examples, and questions

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## Cornell Notes - Continued

### Summary

Today's lesson focused on Body planes and cavities. The main target was: Identify the body planes and major cavities and the organs each contains. The evidence of learning is Notebook check: Labeled body-planes and body-cavities diagram with at least one organ placed in each major cavity.. In my own words, the most important idea from today is:

**My summary**

**My final question or connection**