

# Cornell Guided Notes

Human Anatomy & Physiology (Human Body Systems) | 2027-01-22

Name

Period

Date

Lesson

## Lesson focus

Anatomical directional terms

## Key words and questions

## Prepared details and student notes

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

Apply anatomical directional terms to describe the location of body structures precisely. Big idea: Precise anatomical language eliminates ambiguity when locating structures, injuries, or pathology in the body.

**My notes, examples, and questions**

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

- anatomy
- physiology
- homeostasis
- anterior
- posterior
- proximal
- distal
- superior
- inferior

**My notes, examples, and questions**

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## Cornell Notes - Continued

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

- Anatomical position is the standard reference: body upright, palms forward. All directional terms assume this position.
- Paired directional terms: superior/inferior, anterior/posterior, medial/lateral, proximal/distal, superficial/deep.
- Medical terminology for location uses these paired terms routinely in clinical documentation and imaging reports.

**My notes, examples, and questions**

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

- 0-8: Intro: why directional language matters in clinical settings
- 8-25: Notes: anatomical position and eight paired directional terms
- 25-45: PLTW online directional-terms practice set
- 45-60: Label five structures on body outline with correct terms
- 60-75: Write three two-term sentences describing organ locations
- 75-80: Submit labeled outline and sentences; preview Friday evidence packet

**My notes, examples, and questions**

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

- Read the notes on anatomical position and the paired terms (superior/inferior, anterior/posterior, medial/lateral, proximal/distal).
- Mark five structures on a body outline using the correct directional term for each.
- Complete the PLTW online directional-terms practice set.
- Write three sentences locating organs using at least two terms each.
- Submit your labeled outline and directional-terms sentences.

Evidence: Vocabulary task - Body outline with five structures labeled using correct paired directional terms, plus three sentences each using at least two terms.

#### My notes, examples, and questions

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

- You can place a structure using the correct paired directional term.
- You can describe one structure relative to another in a full sentence.

#### My notes, examples, and questions

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

Supplies:

- Safety goggles
- Nitrile gloves
- Lab apron or coat
- Eyewash station
- Printed or digital Safety Data Sheet
- Bound lab notebook
- Metric ruler or tape measure

**My notes, examples, and questions**

## Summary

Today's lesson focused on Anatomical directional terms. The main target was: Apply anatomical directional terms to describe the location of body structures precisely. The evidence of learning is Vocabulary task: Body outline with five structures labeled using correct paired directional terms, plus three sentences each using at least two terms.. In my own words, the most important idea from today is:

**My summary**

**My final question or connection**