

## Think like a... Biologist



Study of humans, plants, animals, & the environments in which they live

The type of question a biologist might ask:

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-What is the relationship between photosynthesis and respiration?

## Think like a ... Zoologist



Study of animal life including their growth, development, function, distribution and origin

The type of question a zoologist might ask:

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-What structural differences are involved in how land animals and fish respire?

## Think like a... Botanist



Study of plants and plant systems including their growth, development, function, distribution and origin

The type of question a botanist might ask:

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-What structures do plants have to help them survive in different environments?

## Think like a... Anatomist



Study of the physical structure & function of animals

The type of question an anatomist might ask:

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-What physical adaptations allow animals to survive in harsh environments?

## Think like a ... Biochemist



Study of the chemistry of biological systems and the molecular basis for processes that occur in cells

The type of question a biochemist might ask:

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-What biochemical processes do organisms use to break down food?

## Think like an... Internist



Study of the internal workings of the human body and treatment of disease

The type of question an internist might ask:

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-What role do environmental pollutants play in the proper functioning of human respiration?

### Think like a ... Veterinary Physiologist



Study of the function & mechanism of systems & organs in healthy and diseased animals

The type of question a veterinary physiologist might ask:

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-How might a diseased digestive system impact an animal's ability to function?

### Think like a ... Nephrologist



Medical specialty that focuses on the study & treatment of kidney conditions & abnormalities

The type of question a nephrologist might ask:  
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-How might the function of other body systems influence the ability of the kidneys to eliminate waste?

### Think like a ... Paleontologist



Study of the prehistoric plant and animal life

The type of question a paleontologist might ask:

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-What might fossilized teeth suggest about the digestive system of a prehistoric animal?

### Think like a ... Physiologist



Study of human or animal organ systems & functions

The type of question a physiologist might ask:  
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-How might strenuous physical activity effect an aged circulatory system?

### Think like a ... Evolutionary Biologist



Study of the history of life & processes that lead to diversity

The type of question an evolutionary biologist might ask:

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-What adaptations have plants developed in response to global climate changes over time?

### Think like a ... Cytologist



Study of the formation, structure, and function of plant and animal cells

The type of question a cytologist might ask:  
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-What factors might interfere with a plant cell's ability to transport sugars?