

LIFE ON TRIAL

CHARACTERISTIC OF LIFE

Whats Included!

Life on Trial Study

Task: Review the different case files, as well as any additional research you have access to. Determine your argument and your defense. Be prepared to debate your case in front of the judge.

Background: Life is constructed from several parts: cells, and molecules.

Case File #1: Fire vs Life

Evidence:

- Uses energy
- Grows in size
- Spreads (but not true)
- Responds to its enviro
- It does not contain ge
- It is not made of cells

Matter for Deliberation: If fire's behaviors mimic structure (like cells and

Argument: Argue that fire should

Counter Argument: Counter the

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Background: Modern AI robots can learn, adapt, move, and respond to stimuli. Some can even repair themselves. However, they are built by humans, not made of cells, and do not grow or reproduce naturally.

Evidence:

- Responds to external stimuli such as voice or touch
- Can "learn" from experience
- May repair itself
- Is not made of cells
- Does not have genetic material
- Is made by humans, does not have biological reproduction
- Does not maintain homeostasis

Matter for Deliberation: If an AI can learn, adapt, and respond to its environment, does that make it truly alive – or are we simply confusing intelligence and programming with life?

Argument: Argue that Artificial Intelligence should not be considered a living thing.

Counter Argument: Counter the argument that Artificial Intelligence should be considered a living thing.

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Individual Rubric

Name: _____ Case File: _____

Case File Completion	- All sections thoughtfully completed with relevant and accurate use. - Argument and Counter Arguments are thoughtful and based on scientific concepts	/10
Presentation	- Speaks clearly and confidently - Uses appropriate scientific vocabulary	/5
Total		/15

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Group Rubric

Group Member: _____ Case File: _____

Case File Completion	- All sections thoughtfully completed with relevant and accurate use. - Argument and Counter Arguments are thoughtful and based on scientific concepts	/10
Presentation	- Speaks clearly and confidently - Uses appropriate scientific vocabulary - Refers to case file evidence	/6
Team Collaboration	- Works well with group - Shares responsibility - Listens respectfully and contributes to preparation	/2
Total		/18

Comments: _____

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Group Rubric

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Comments: _____

6 Case Files

Rubrics & Instructions

