



Chimps thrive on challenging tasks with an audience.

Description

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Chimps at Kyoto University were tested on number tasks with and without an audience.

In one task, chimps touched numbers in order to get a reward. In a harder task, they had to remember the order of non-adjacent numbers.

When tested with 1 to 8 human observers, chimps did better on the hardest task with more people watching.

Researchers were surprised that chimps performed better in front of an audience. This "audience effect" might motivate them.

Further studies may explore how individual chimp personalities affect performance in front of an audience.

This study suggests that chimps may share some behaviors with humans when it comes to performing in front of others.

Vocabulary List:

1. **Chimpanzee** /tʃɪm.pæn'zi/ (noun): A species of great ape known for its intelligence and social behavior.
2. **Audience** /'ɔ:di.əns/ (noun): The assembled spectators or listeners at an event.
3. **Motivate** /'moʊ.tɪ.veɪt/ (verb): To provide someone with a reason for doing something.
4. **Performance** /pər'fɔ:r.məns/ (noun): The act of carrying out or performing a task or activity.
5. **Explorer** /ɪk'splɔ:rər/ (verb): To investigate or study systematically.
6. **Personality** /pɜ:r.sə'næl.ɪ.ti/ (noun): The combination of characteristics or qualities that form an individual's distinctive character.

Comprehension Questions

Multiple Choice

1. What were chimps tested on at Kyoto University?

Option: Math tasks
Option: Color recognition tasks
Option: Language tasks
Option: Physical tasks

2. How many human observers were chimps tested with?

Option: 1 to 4

- Option: 5 to 8
- Option: 9 to 12
- Option: 13 to 16

3. In which task did chimps have to remember the order of non-adjacent numbers?

- Option: Touching numbers in order
- Option: Counting numbers aloud
- Option: Color matching
- Option: Shape recognition

4. What surprised the researchers about the chimps' performance in front of an audience?

- Option: They performed worse
- Option: They performed equally
- Option: They performed better
- Option: They were distracted

5. What might motivate chimps according to the study?

- Option: Being alone
- Option: Food rewards
- Option: Audience effect
- Option: Physical activity

6. What aspect of chimp behavior may be further explored in future studies?

- Option: Sociability
- Option: Physical strength
- Option: Problem-solving
- Option: Individual personalities

True-False

7. Chimps were not tested in front of an audience at Kyoto University.

8. The study shows that the audience effect has no impact on chimp performance.

9. The researchers expected the chimps to perform worse in front of an audience.

10. Chimps at Kyoto University were only tested on physical tasks.

11. Further studies are likely to investigate the impact of chimp personalities on performance.
12. The study suggests that chimps and humans share behaviors when performing in front of others.

Gap-Fill

13. Chimps at Kyoto University did better on the hardest task with _____ human observers watching.
14. Researchers were surprised that chimps performed better in front of an _____.
15. The "audience effect" might _____ chimps to perform better.
16. Further studies may explore how individual chimp personalities affect performance in front of an _____.
17. This study suggests that chimps may share some behaviors with humans when it comes to performing in front of _____.
18. In one task, chimps touched numbers in order to get a _____.

Answer

Multiple Choice: 1. Math tasks 2. 1 to 8 3. Remembering the order of non-adjacent numbers 4. They performed better in front of an audience 5. Audience effect 6. Individual chimp personalities

True-False: 7. False 8. False 9. False 10. False 11. True 12. True

Gap-Fill: 13. more 14. audience 15. motivate 17. others 18. reward

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. Which branch of science deals with the study of molecules?

Option: Physics

Option: Chemistry



Option: Biology

Option: Geology

2. Who is known for exploring and documenting the Amazon rainforest?

Option: Dr. Jane Goodall

Option: Neil Armstrong

Option: David Attenborough

Option: Indiana Jones

3. What term refers to the ability to use or retrieve data?

Option: Privacy

Option: Accessibility

Option: Encryption

Option: Storage

4. What is essential before undertaking a challenging task?

Option: Celebrate

Option: Procrastinate

Option: Prepare

Option: Analyze

5. Which skill is vital for effective teamwork?

Option: Technicality

Option: Communication

Option: Isolation

Option: Rudeness

6. What stimulates growth and development?

Option: Comfort

Option: Challenges

Option: Routine

Option: Mediocrity

7. What are catastrophic events that cause significant damage?

Option: Celebrations

Option: Achievements

Option: Disasters

Option: Innovations

8. Who has the power to make decisions and enforce obedience?

Option: Celebrity

Option: Boss

Option: Authority

Option: Entertainer

9. What term is used when two or more entities combine into one?

Option: Split

Option: Divide

Option: Merge

Option: Isolate

10. Which term describes highly developed or complex technologies?

Option: Basic

Option: Simple

Option: Intermediate

Option: Advanced

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. _____ is a greenhouse gas with a global warming potential more than 25 times that of carbon dioxide.

12. The _____ of a system is a measure of the average kinetic energy of the particles in the system.

13. The _____ of a film is responsible for overseeing the entire production process.

14. _____ between team members is crucial for the success of a project.

15. The _____ of a protein is essential for its function in biological systems.

16. Environmental _____ have led to worldwide efforts to reduce carbon emissions.

17. Regular practice can improve an athlete's _____ in competitions.

18. A supportive environment can _____ individuals to achieve their goals.

19. Recognizing the _____ of a task can increase one's dedication to completing it.

20. Some people are more _____ to criticism than others.

**Matching Sentences (Match each definition to the correct word from the vocabulary list.)**

21. Different planets in our solar system have unique compositions of gases in their .
22. The DNA of a human shares about 98% similarity with that of a .
23. The success of a play depends on engaging the with the performance.
24. An archeologist or historian is often considered an due to their research expeditions.
25. One's traits are a combination of characteristics and behaviors that define them.
26. A government official appointed as head of a particular department is known as a .
27. Companies often engage in healthy to capture a larger market share.
28. Building trust with others often involves keeping one's .
29. Effective leaders address the of their team members to ensure a harmonious work environment.
30. Artists often develop unique styles and methods referred to as artistic .

Answer

Multiple Choice: 1. Chemistry 2. David Attenborough 3. Accessibility 4. Prepare 5. Communication 6. Challenges 7. Disasters 8. Authority 9. Merge 10. Advanced

Gap-Fill: 11. Methane 12. Temperature 13. Director 14. Collaboration 15. Structure 16. Concern 17. Performance 18. Motivate 19. Importance 20. Sensitive

Matching sentence: 1. Atmospheres 2. Chimpanzee 3. Audience 4. Explorer 5. Personality 6. Commissioner 7. Competition 8. Promise 9. Concerns 10. Techniques

CATEGORY

1. Sci/Tech - LEVEL1

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