

Chimpanzees love dancing, say researchers 27th December, 2019

Who knew that chimpanzees love to dance? They also like to clap along to music, and nod their head, tap their feet and move in time with the rhythm. A new study shows that chimpanzees could appreciate music. The researchers are from Kyoto University in Japan. They say their study could help us understand how early humans developed an interest in music. Researchers Dr Yuko Hattori and professor Masaki Tomonaga conducted tests on seven chimps. They played the apes six two-minute songs on a piano for six days. The researchers said the chimps had a definite sense of rhythm and it changed their mood. The male chimpanzees seemed to respond to the melodies more than the females. The researchers wrote that chimpanzees could have passed on a liking for music and dance to early humans millions of years ago. This could have happened via a common ancestor around six million years ago. The researchers said the study suggested that our love of dancing was deep inside the earliest humans. Dr Hattori said: "Chimpanzees dance to some extent in the same way as humans." She added: "In humans, listening to music causes rhythmic movement, suggesting a close connection between the auditory and motor areas in the brain." She believes the research could shed light on the evolution of dancing in humans and why we love melody and rhythm so much.

Sources: sky.com / sciencemag.org / independent.co.uk

1. True / False (justifie quand c'est faux en citant le texte)

- Chimpanzees like to nod their head and tap their feet to music. T / F
- The study on chimpanzees is from a university in Japan. T / F
- Researchers looked at how chimpanzees played the piano. T / F
- Female chimps responded to the music more than males. T / F
- Humans picked up dancing from chimps a million years ago. T / F
- A love of dancing was inside early humans. T / F
- There is a close link between the hearing and motor areas in the brain. T / F
- The article said chimps like dancing in a shed full of light. T / F

2. Synonym Match

(Associe les mots ou expressions par synonymes)

- | | |
|---------------|-----------------|
| 1. appreciate | a. degree |
| 2. understand | b. occurred |
| 3. conducted | c. tunes |
| 4. respond | d. development |
| 5. melodies | e. carried out |
| 6. happened | f. value |
| 7. extent | g. link |
| 8. causes | h. react |
| 9. connection | i. brings about |
| 10. evolution | j. comprehend |

3. Spelling

(Remets les lettres des mots en gras dans l'ordre)

- move in time with the **hrmthy**
- chimpanzees could **epratecapi** music
- early **nmhusa**
- ocdtecndu** tests on seven chimps
- the chimps had a **efiitend** sense
- ospredn** to the melodies
- niomisll** of years ago
- via a common **rcasteon**
- to some **txenet**
- a close **incnctoeno**
- the **rdiayout** and motor areas in the brain
- on the **envootiul** of dancing

4- Discussion : Choose 3 questions and answer by writing 3 or 4 sentences each

(choisir 3 questions et y répondre en 3 ou 4 phrases sur le cahier)

- What do you think about what you read?
- How much do you like dancing?
- What kinds of dancing do you like?
- Do you have good rhythm?
- Would chimpanzees be better at break dancing or ballet?
- Is dancing good for us?
- What can you say about the evolution of dancing?
- What questions would you like to ask the research ?

Please Turn Over



ATTENTION : travail à réaliser à partir de la première minute trente de la video seulement

1. Watch the **first 1 minute and a half** of the video
<https://www.youtube.com/watch?v=Tn-MGO5OXII>
2. In your copybook, write today's date, the title, the source, the date of the video
3. Watch and listen again to the first minute and a half (without subtitles on) and write:
 - the names and jobs of the people who are speaking
 - the correct pronunciation of the singer's name (Toni, Tory or Tones?)
 - the title of the song they're speaking about
4. Watch and listen again to the first minute and a half (without subtitles on) and write:
 - Tones' first job
 - City where she did this job
 - Place where she moved after (l'endroit où elle a déménagé ensuite)
5. Write a definition in English of what "busking" means (=signifie).
6. If you're interested you can watch the rest of the video! Have fun!