

A Concert Powered by Bicycles

ARTICLE READING

Imagine going to a concert and helping create the electricity. At some special events, people ride bicycles connected to small machines. The movement helps produce power for lights, speakers, or a screen. The audience can take turns riding while other people dance and sing. One person may need to pedal for only a few minutes, but many people together can keep the music running. The idea makes energy visible. People can see that electricity takes work, and they may think more about how much power a large event uses. It also creates a funny problem: what happens if everyone stops pedaling during the most exciting song?

If the music stopped every time the audience stopped moving, what dance would keep the concert alive?

1. Would you like to pedal a bicycle during a concert? Why or why not?
2. What song would make people pedal faster?
3. How could children, older people, and people with disabilities join the activity?

4. Would a bicycle-powered concert be more exciting than a normal concert?
5. What funny emergency power source could the audience use?
6. What other public event could use exercise to create electricity?