

# *Ralphie strikes a nerve.*

Watch the episode *Ralphie Strikes a Nerve* from *The Magic School Bus Rides Again* (Season 1 - Episode 11) on Netflix.

1. Answer the questions.
  - a. What are the kids playing?
  - b. What is their team's problem?
  - c. What are they planning to do to win the game?
  - d. Who helps them?
  - e.
2. Use the words in the box to complete the sentences.

automatic - grey - coordinate - think - brain - neurons - white
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- a. The problem with the first robot is that parts of the body couldn't \_\_\_\_\_ with each other.
  - b. The brain sends orders to parts of the body through noodle-like \_\_\_\_\_.
  - c. One hundred billion (100,000,000,000) neurons are inside the \_\_\_\_\_ alone.
  - d. To do an action, the brain must \_\_\_\_\_ about it, plan how to do it, then control it.
  - e. The medulla oblongata (a part of the brain stem) controls \_\_\_\_\_ functions such as breathing.
  - f. The outer layer of the brain is called \_\_\_\_\_ matter.
  - g. Underneath the brain's grey matter is \_\_\_\_\_ matter.
3. True or false?
- A. Ralphie falls asleep because his brain is too tired.
  - B. The conscious system is in charge of the heartbeat and digestion.
  - C. The automatic system is in charge of unconscious actions, such as breathing.

4. What happens if someone tickles your nose? Explain the process.

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