Listening Comprehension Worksheet

Topic: Magnets and Electromagnetism Level: B1.2 – English for Electromechanics X

Instructions

Listen to the recording (or teacher reads the transcript aloud). Then choose the correct answer (A, B, or C) for each question.

Questions

1. What is the "golden rule" of magnets?

   A) Opposites attract B) Like poles attract each other C) Magnets only attract iron

2. Why can a magnet pick up paper clips but not a plastic pen?

   A) Plastic is heavier than iron B) Only some materials are magnetic C) Magnets lose power with plastic

3. What happens when electricity flows through a coil around an iron nail?

   A) The nail melts B) The nail repels electricity C) The nail becomes an electromagnet

4. What occurs when the battery is disconnected from an electromagnet?

   A) The nail stays magnetic forever B) The nail becomes stronger C) The nail stops being a magnet

5. How does a doorbell use electromagnetism?

   A) The electromagnet pulls a hammer to strike a bell B) The magnet pushes the button C) The magnet keeps the circuit closed permanently

6. In headphones, what causes the cone to vibrate?

   A) The permanent magnet alone B) The electromagnet attracting and repelling the permanent magnet C) The sound waves inside the wire

7. What principle do electric motors use?

   A) Electricity creates magnetic forces that make the motor spin B) Magnets store electricity for the motor C) Motors only work with permanent magnets

8. Why do scrapyard cranes use electromagnets?

   A) They can be turned on and off easily B) They are lighter than hooks C) They are cheaper than permanent magnets

9. According to the video, magnets and electromagnets are described as:

   A) Dangerous forces in daily life B) Only useful in science experiments C) Hidden heroes of the modern world

10. What is the main message at the end of the video?

    A) Magnets are only for scientists B) Magnets and electromagnets make our lives easier and more fun C) Magnets should not be used in technology

LIVEWORKSHEETS