

Matching Activity: Principles of Green Computing

Instructions:

Match each **principle (A–G)** with the correct **description (1–7)**. Write the correct letter next to each number.

Principles

- A. Energy Efficiency
 - B. Hardware Optimization and Upgrading
 - C. Virtualization and Cloud Computing
 - D. Sustainable Design and Manufacturing
 - E. Responsible Disposal and Recycling
 - F. Paperless Practices and Digital Tools
 - G. User Awareness and Behavior Change
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Descriptions

1. Encouraging people to use eco-friendly habits, such as shutting down computers when not in use or reducing printing.
2. Replacing older components with modern, low-power alternatives to improve performance and reduce energy waste.
3. Creating devices from recyclable materials and minimizing environmental damage during production.
4. Using virtual servers or online software to reduce the number of physical machines needed.
5. Designing systems and habits to consume less electricity and avoid unnecessary energy use.
6. Properly handling e-waste and reusing materials to reduce landfill pollution.
7. Using digital files and online platforms instead of paper documents to save resources.