

ENERGY AND MACHINES

1 Complete the sentences.

Internet

technology

connection

laptops

- Information _____ is the use of computers to create, look for and exchange information.
- Tablets, smartphones and _____ are all computers.
- The _____ is a worldwide computer network.
- We need an Internet _____ to look for information.

2. Unscramble the words and match.

i h l g t

- _____ energy



m a h l i c e c

- _____ energy



e a c m n i h l a c

- _____ energy



3. What type of energy does it change into? Complete the sentences.



- In A, chemical energy changes into _____ energy.
- In B, electrical energy changes into _____ energy.
- In C, electrical energy changes into _____ energy.



4. How does electricity reach our homes? Circle the correct words.

- a. Electricity is produced at power **lines** / **stations**.
- b. Electricity travels along power **sockets** / **lines**.
- c. The power lines are supported by towers called **pylons** / **cables**.
- d. In our homes, we have **thermal** / **electrical** sockets.
- e. Electricity flows through **cables** / **stations** to the sockets.



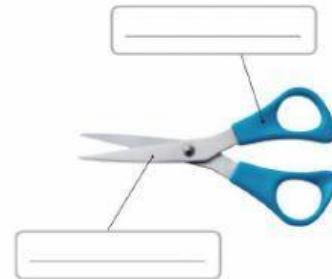
5. Classify the materials.

wood steel seawater plastic copper glass

electrical conductors

electrical insulators

6. Which parts conduct electricity and which parts are insulators? Write conductor or insulator.



7. Look and choose the odd one out.

thermal conductors



thermal insulators

