1. **Match each type of energy with its definition.**

- It is the energy that is emitted by lightning and bodies like the Sun.

- It is the energy that is emitted by bodies like the Sun, fire or the lava of a volcano.

- It is the energy that is stored in substances like the food we eat and fuels like oil and coal.

- It is the energy that is associated with the presence and motion of electrical charges.

- It is the energy that is associated with the motion and position of an object.

- It is the energy in the nucleus of an atom.

2. **Write True (T) or False (F).**

- Energy has mass. ☐
- Energy occupies no space. ☐
- Electrical energy is transformed into heat energy in a fan. ☐
- Energy can transfer from one body to another. ☐
- Electrical energy can be transported through cables. ☐

3. **Explain the difference between renewable and non-renewable energy.**

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4. Classify the energy sources in the table below.

biomass, petrol, geothermal energy, uranium, hydroelectric energy, coal, tidal energy, gas

Renewable	Non-Renewable

5. Complete the text about the negative consequences of energy production. Use the words in the box.

warming, spills, erosion, quarries, carbon dioxide, waste, mines

The burning of fossil fuels releases ..... into the atmosphere and causes global ..... . Oil ..... from tankers and industrial ..... contaminate the sea and kill aquatic organisms. Taking rocks from ..... and minerals from contaminates the land and causes soil

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6. Name four things we can do to create a sustainable future for our planet.

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