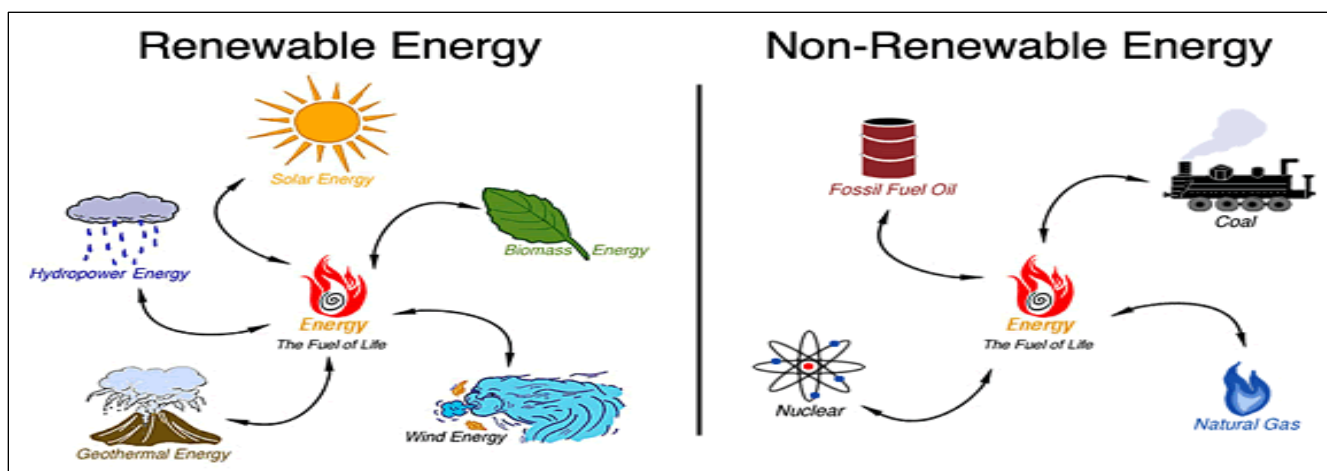


| | |
|---------------------------------|---|
| STRAND | STRAND 3 ENERGY |
| SUB-STRAND | ENERGY SOURCE AND TRANSFER |
| CONTENT LEARNING OUTCOME | Investigate, and illustrate the different energy sources and their uses and classify them into renewable and non-renewable. |

LESSON NOTES

Energy Sources and their Use

1. There are many sources of energy.
2. Some energy sources are sun, wind, water, heated rocks, biomass and fossil fuels.
3. Study the diagram on **Renewable and Non-renewable Energy**.



ANSWERS

1. Complete the table

| | |
|-----------------------------|--|
| Renewable Energy | Use |
| Solar Energy | Heating, cooking, drying, photosynthesis |
| Wind Energy | Generate electricity, sailing |
| Hydro power | Generate electricity, irrigation |
| Biomass | Heating, cooking, lighting |
| Non Renewable Energy | Use |
| Coal | Heating, cooking, lighting, power machines |
| Oil | Cooking, heating, lighting, power machines |
| Gas | Cooking, heating, lighting, power machines |

2. **Renewable energy**, often referred to as clean energy, comes from natural sources or processes that are constantly replenished.
3. Non-renewable energy comes from sources that will run out or will not be replenished in our lifetimes—or even in many, many lifetimes.