

## Renewable Energy

### 1: Types of Renewable Energy

What types of renewable energy are you familiar with? **Check the three** you are most familiar with.



- Solar power
- Wind energy
- Hydroelectric power
- Biomass
- Geothermal energy

Explain why you chose these three:

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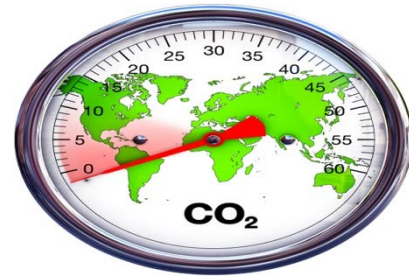


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### 2: Benefits of Renewable Energy

What are the benefits of using renewable energy? **Rank the items below from 1 to 5**, from most beneficial to least beneficial.

- Promotes technological innovation
- Reduces greenhouse gas emissions
- Decreases dependence on fossil fuels
- Enhances energy security
- Supports economic development in local communities



Explain why the top ranked item is most beneficial:

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### 3: Challenges of Renewable Energy

What challenges do renewable energy technologies face? Sort the items below into two categories: **Major Challenge (Maj)** or **Minor Challenge (Min)**.



- High initial investment costs
- Reliability of energy supply
- Land use and environmental impact
- Technological limitations
- Regulatory and policy issues

Explanation:

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