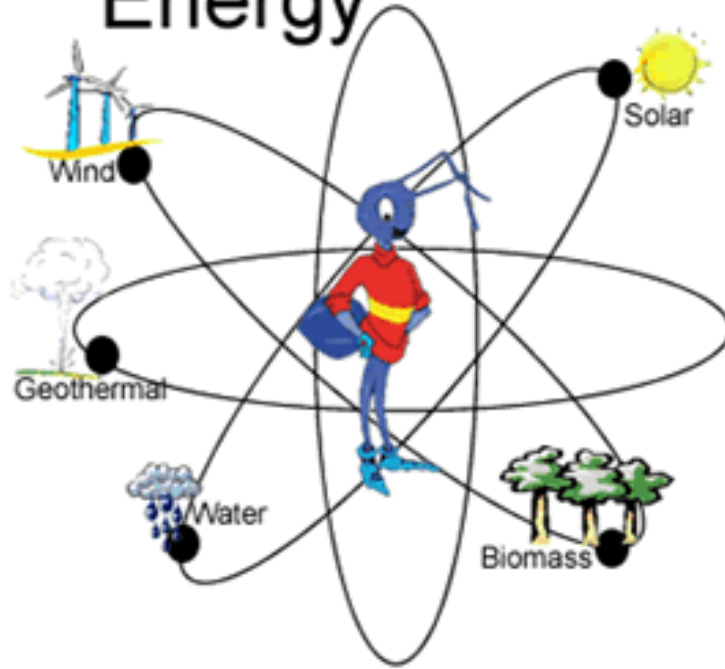
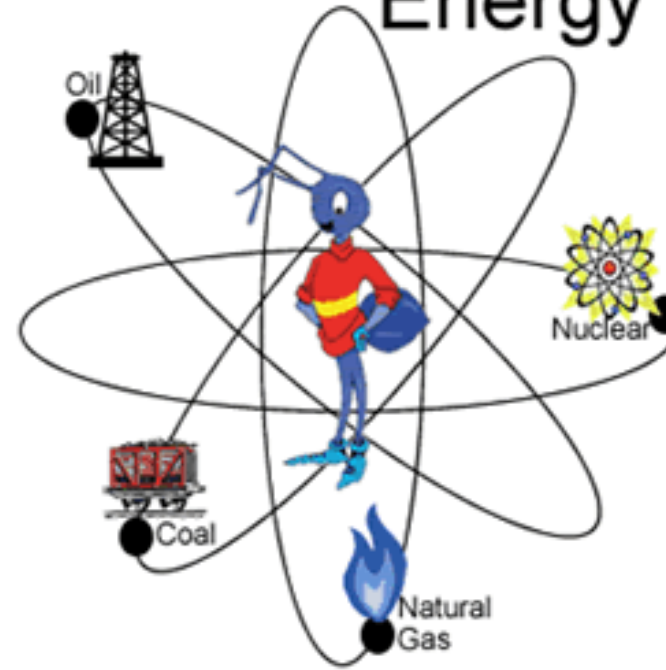


Renewable Energy



Non-Renewable Energy



4.1 Electrical energy sources

How is Electricity Made?

- <https://youtu.be/NsQiVIPy6CA>
- Scan the QR code, or find the link on our website, to take the quiz!



"Clean" → less pollution

RENEWABLE RESOURCE

Resources such as water or wind energy that are continually replenished and therefore can be used indefinitely.

Will not run out

→ fossil fuels

NON-RENEWABLE RESOURCE

Resources such as coal or natural gas that cannot be replenished and therefore cannot be used indefinitely

"Dirty" → pollution
↳ CO₂

Will run out.

Advantages and Disadvantages

A. I will number you 1-6

- 1 = solar — free
- 2 = hydropower — unreliable, renewable
- 3 = wind — reliable, displace animals
- 4 = biomass — unreliable?, expensive, renewable
- 5 = fossil fuels — pollution, cheap, plentiful
- 6 = nuclear — pollution, lots from little, dangerous/hazardous waste, uranium

B. Research and record 1 or 2 main advantages and disadvantages of your source of energy

C. Exchange your information with someone who researched a different source of energy