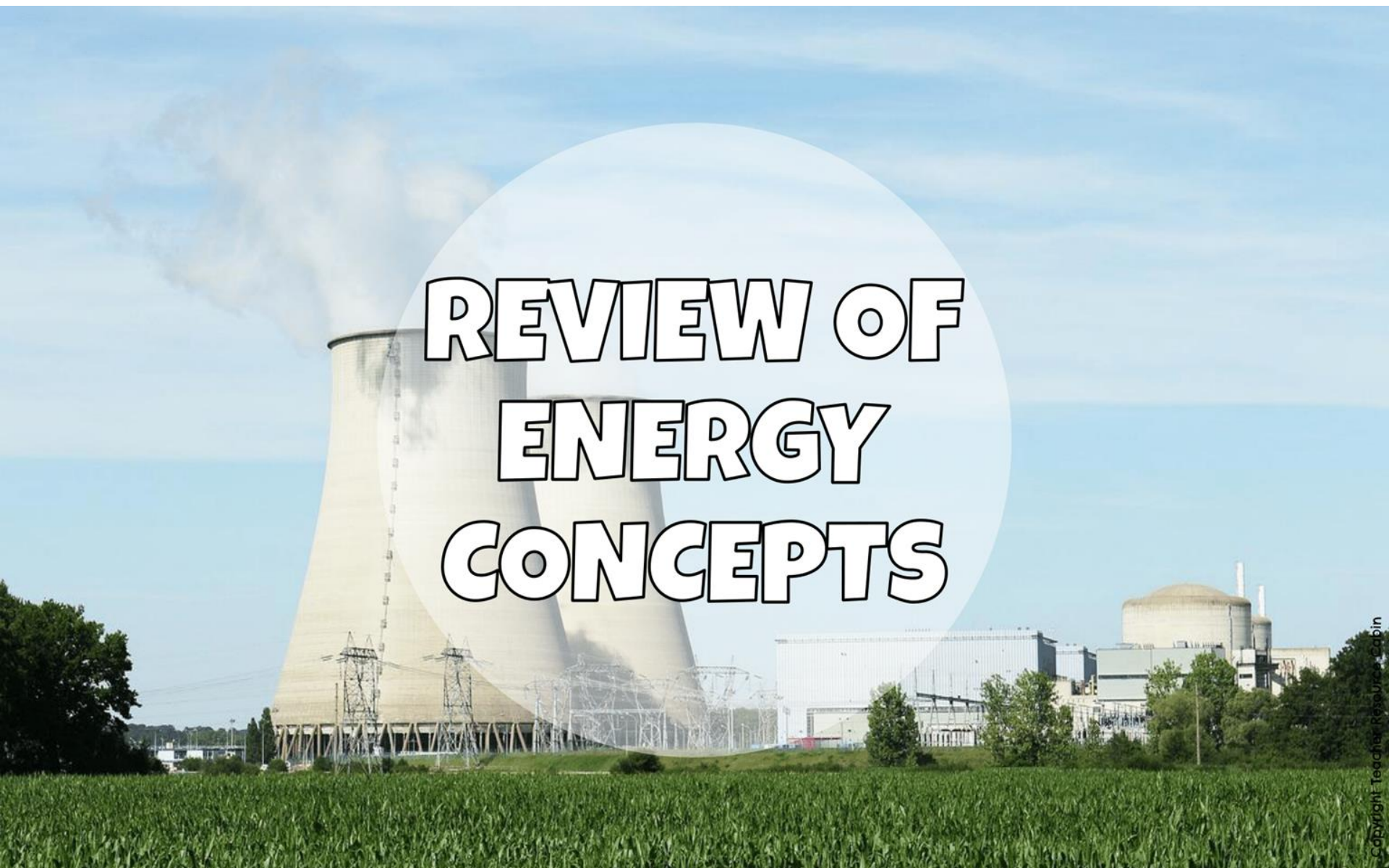
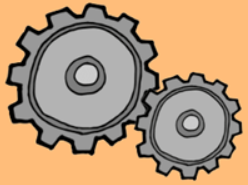


Think about it!

Use the Word Bank to label each type of energy to the correct image and description.

Word Bank
Radiant Energy
Thermal Energy
Mechanical Energy
Electrical Energy
Chemical Energy
Nuclear Energy

 Energy that moves an object.	 Energy from the movement of particles. Heat is created when particles move quickly.	 Energy stored in the nucleus of an atom, released when the nuclei are combined or split.
 Energy stored in bonds of atoms and molecules, often released when heated.	 Energy that travels in waves, such as visible light or x-rays.	 Energy delivered by electrons, usually moving through a wire.

Think about it!

Write a different example than the image shown for each type of energy.

 **Chemical**	
 **Nuclear**	
 **Thermal**	
 **Mechanical**	
 **Radiant**	
 **Electrical**	

TYPES OF ENERGY

- Potential energy is the energy "stored" in an object.

- **Example:** A ball next to your foot has potential energy. You could kick it!

What else has potential energy?

TYPES OF ENERGY

- Kinetic energy is energy at work.
- **Example:** When you kick a ball, it has kinetic energy. It is moving.

What is an example of kinetic energy in your classroom?

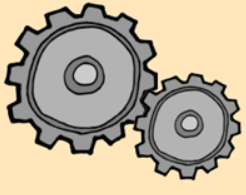
TYPES OF ENERGY

Kinetic Energy

Thermal

Radiant

Electrical

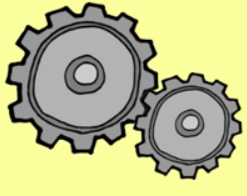


Mechanical

Potential Energy

Chemical

Nuclear



Mechanical