Discovering Forms of Energy Stations

Heat/Thermal Energy

From the World Book Kids Article:

1. We use _____________ to do work and make our lives better.

2. The _____________ is our most important source of heat.

From the video:

3. Even _____________ things have heat.

4. Anything with _____________ has heat.

5. Molecules in cold things are moving more _____________ than molecules in warm things.

Light Energy

From the World Book Kids Article:

6. Human beings can see only a small part of this range. This part is called _____________ light.

7. When light passes through something, it may _____________ and change its direction.

From the video:

8. White light is a mixture of _____________ the colors of the rainbow.

9. Without different colors of _____________ we couldn’t see different colors of things.

10. An orange absorbs all the colors of light except _____________.

Discovering Forms of Energy Stations

**Sound Energy**

*From the World Book Kids Article:*

11. Every sound we hear is made when an object ____________, or makes quick, tiny movements back and forth or up and down.

12. Although many sounds travel through the air, ____________ can move through any material, including water, solid earth, wood, glass, brick, or metal. is our most important source of heat.

*From the video:*

13. When sounds travel we are actually hearing how the ____________ affect the air molecules.

14. Sound waves travel ____________ than light.

15. Higher sounds ____________ more quickly.

**Mechanical Energy**

*From the World Book Kids Article:*

16. Mechanical forces act when objects ____________ each other.

17. Sometimes more than one ____________ acts on an object at the same time.

*From the video:*

18. Everything in the universe, including you and me is in ____________.

19. ____________ put things in motion.

20. When something is ____________, it keeps moving unless acted upon by an outside force.